

# Mewoi

# 2017

## CATALOG GENERAL























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2017-1-11

## Selection Map

Ground Resistance Clamp Meter	 <b>MEWOI3000+</b> 0.01Ω-1200Ω 65mm×32mm Data Storage: 99sets Earth resistance clamp meter	 <b>MEWOI3000B+</b> 0.01Ω-200Ω 65mm×32mm Data Storage: 99sets Earth resistance clamp meter	 <b>MEWOI3000D+</b> 0.01Ω-1200Ω 65mm×32mm 0.00-20.00A Data Storage: 99sets	 <b>MEWOI3000F+</b> 0.01-1200Ω 65mm×32mm 0.00mA-40.0A Data Storage: 99Sets
	 <b>MEWOI3100+</b> 0.01Ω-1200Ω ø32mm Data Storage: 99sets	 <b>MEWOI3100B+</b> 0.01Ω-200Ω ø32mm Data Storage: 99sets	 <b>MEWOI3100D+</b> 0.01Ω-1200Ω ø32mm 0.00-20.00A Data Storage: 99sets	 <b>MEWOI3100F+</b> 0.01Ω-1200Ω 0.00mA-40.0A Φ32mm Data Storage: 99Sets
Digital Phase Volt-Ampere Meter	 <b>MEWOI 5000B</b> AC: 0.00 V~600V AC: 0.0mA~20.0A Phase: 0~360° Active Power: 0.0W~12kW 2pc*φ7.5mm Data Storage:1500sets	 <b>MEWOI 5200B</b> AC: 0.00 V~600V AC: 0.0mA~20.0A Phase: 0~360° Active Power: 0.0W~12kW 2pc*φ40mm Data Storage:1500sets	 <b>MEWOI 5300</b> AC: 0.00 V~600V AC: 0.0mA~20.0A Phase: 0~360° Active Power: 0.0W~12kW 3pc*φ7.5mm Data Storage:500sets	 <b>MEWOI 5700</b> AC: 0.00 V~600V AC: AC: 0.0A~400A Phase: 0~360° Active Power: 0.0W~240kW 3pc*φ40mm Data Storage:500sets
High Accuracy Leakage Current Clamp Meter	 <b>MEWOI7000</b> AC/DC 0mA~60.0A Resolution:1mA Clamp size:φ7mm Data Storage:99Sets	 <b>MEWOI7100</b> AC/DC 0.0A~1000A Resolution:0.1A Clamp size:30mm×35mm Data Storage:99Sets	 <b>MEWOI7200</b> AC/DC:0mA~60A Resolution:1mA Clamp size:25mm×30mm Data Storage:99Sets	 <b>MEWOI7300</b> AC 0.000mA~60.00A Resolution:1uA Clamp size:25mm×30mm Data Storage:99Sets
	 <b>MEWOI7300E</b> DC 0.0mA~6.00A Resolution:0.1mA Clamp size:25mm×30mm Data Storage:99Sets	 <b>MEWOI7500</b> AC:0.00mA~300.0A Resolution:0.01mA Clamp size:35mm×40mm Data Storage:99Sets	 <b>MEWOI7600</b> AC:0mA~600A Resolution:1mA Clamp size:35mm×40mm Data Storage:99Sets	 <b>MEWOI7800</b> AC:0.00mA~1200A Resolution:0.01mA Clamp size:φ68mm Data Storage:99Sets

	<b>MEWOI7800E</b> AC 0.0A~1500A , DC 0.0A~2000A Resolution:0.1A Clamp size:φ68mm Data Storage:99Sets 	<b>MEWOI7000C</b> AC/DC 0mA~60.0A Resolution:1mA Clamp Size: 16mm×18mm Data Storage:99Sets 	High Accuracy Flexible coil current sensor	<b>MEWOI200G</b> 1,1.AC current detection 2, Range: AC 10mA~10000A -more 3,clamp size:φ100mm (can customize) 4,Diameter:φ7.5mm 5 , Coil Length:315mm 
Power Quality Analyzer	 Power Quality Analyzer	 Flexible Coil Power Quality Analyzer FlexibleCoil:φ200mm. Length:630mm Optional:φ300mm. Length:1000mm Large Current:10A-3000A Resolution:1A <b>MEWOI6000</b>	<b>MEWOI300G</b> 1,1.AC current detection 2, Range: AC 10mA~10000A -more 3,clamp size:φ200mm (can customize) 4,Diameter:φ7.5mm 5 , Coil Length:315mm 	<b>MEWOI400G</b> 1,1.AC current detection 2, Range: AC 10mA~10000A -more 3,clamp size:φ300mm (can customize) 4,Diameter:φ7.5mm 5 , Coil Length:1000mm 
H/L Voltage Clamp Meter	<b>MEWOI1000</b> AC 0.0mA~ 1200A Clamp Size: φ48mm Data Storage: 99sets  below 60KV(operated with insulation rod,Bare wire 35KV)	<b>MEWOI1000C</b> AC 0.0mA~ 1200A Clamp Size: φ48mm Data Storage: 99set  below 60KV(operated with insulation rod,Bare wire 35KV)	<b>MEWOI1000T</b> AC 0.0mA~ 1200A Clamp Size: φ48mm Data Storage: 99set  below 10KV(operated with insulation rod,Bare wire 1KV)	<b>MEWOI1100</b> AC 0.00mA~ 600A Clamp Size: φ33mm Data Storage: 99set  below 60KV(operated with insulation rod,Bare wire 35KV)
	<b>MEWOI1100C (Wireless)</b> AC 0.00mA~ 600A Clamp Size: φ33mm Data Storage: 99set  below 60KV(operated with insulation rod,Bare wire 35KV)	<b>MEWOI1100T</b> AC 0.00mA~ 600A Clamp Size: φ33mm Data Storage: 99set  below 10KV(operated with insulation rod,Bare wire 1KV)	<b>MEWOI1200</b> AC 0.00mA~ 1000A Clamp Size: φ68mm Data Storage: 99set  below 60KV(operated with insulation rod,Bare wire 35KV)	<b>MEWOI1200C (wireless)</b> AC 0.00mA~ 1000A Clamp Size: φ68mm Data Storage: 99set  below 60KV(operated with insulation rod,Bare wire 35KV)
Insulation Resistanc e Tester	<b>MEWOI5025</b> Range: 0.01MΩ~200GΩ AC 750V DC:1000V  Rated voltage: 100/250/500/1000/2500V	<b>MEWOI5025H</b> Range: 0.01MΩ~200GΩ AC 750V DC:1000V  Rated voltage: 250/500/1000/2500/5000V	Wireless High Voltage Phase Detector	<b>MEWOI2600</b> Wireless High Voltage Phase Detector  High-voltage phase detect, frequency, phase, phase sequence, electrical inspection.



Earth Resistance Tester	<b>MEWOI4200</b> clamp size: $\phi 68\text{mm}$ $0.01\Omega \sim 30.00\text{K}\Omega$ ; AC: $0.00\text{mA} \sim 600\text{A}$ ; soil resistivity: $0.01\Omega\text{m} \sim 9000\text{K}\Omega\text{m}$ ; Earth Voltage: $0.0 \sim 100.0\text{V}$ ; dual clamp: $0.01\Omega \sim 100\Omega$  Data: 2000sets	<b>MEWOI4000</b> $0.01\Omega \sim 2000\Omega$ ; $0 \sim 600\text{V}$ Data storage: 400sets  2/3-wires measurement of earth resistance/voltage	<b>MEWOI4000C</b> $0.01\Omega \sim 30.00\text{K}\Omega$ ; soil resistivity: $0.01\Omega\text{m} \sim 9000\text{K}\Omega\text{m}$ ; $0 \sim 600\text{V}$ Data Storage: 300sets  2/3/4-wires measurement of earth resistance, soil resistivity, and earth voltage	<b>MEWOI3800P</b> Built-in earth resistance online Tester Circuit grounding resistance monitoring, metal loop resistance on-line monitoring, ground condition monitoring; ground wire, metal cable anti-theft monitoring. 
Clamp On Current Sensor	<b>MEWOI107BE</b> Range: $0\text{mA} \sim 60\text{A}$ (AC/DC) Resolution: $1\text{mA}$ Clamp Size: $\phi 7\text{mm}$ 	<b>MEWOI108</b> Range: $0.0\text{mA} \sim 30\text{A}$ (AC) Resolution: $0.1\text{mA}$ Clamp Size: $\phi 8\text{mm}$ 	<b>MEWOI130</b> Range: $0.000\text{mA} \sim 60\text{A}$ (AC) Resolution: $0.001\text{mA}$ Clamp Size: $25 \times 30\text{mm}$ 	<b>MEWOI130BE</b> Range: $0\text{mA} \sim 60\text{A}$ (AC/DC) Resolution: $1\text{mA}$ Clamp Size: $25 \times 30\text{mm}$ 
	<b>MEWOI130E</b> Range: $0.00\text{A} \sim 10\text{A}$ (DC) Resolution: $0.01\text{A}$ Clamp Size: $25 \times 30\text{mm}$ 	<b>MEWOI130E2</b> Range: $0.0\text{mA} \sim 100\text{mA}$ (DC) Resolution: $0.1\text{mA}$ Clamp Size: $25 \times 30\text{mm}$ 	<b>MEWOI135BE</b> Range: $0.0\text{A} \sim 1000\text{A}$ (AC/DC) Resolution: $0.1\text{A}$ Clamp Size: $30 \times 35\text{mm}$ 	<b>MEWOI140</b> Range: $0.00\text{mA} \sim 300\text{A}$ (AC) Turn Ratio: 1:2400 Resolution: $0.01\text{mA}$ Clamp Size: $35 \times 40\text{mm}$ 
	<b>MEWOI140B</b> Range: $0.0\text{A} \sim 600\text{A}$ (AC) Turn Ratio: 1:4000 Resolution: $0.1\text{A}$ Clamp Size: $35 \times 40\text{mm}$ 	<b>MEWOI140C</b> Range: $0.0\text{mA} \sim 100\text{A}$ (AC) Turn Ratio: 1:2000 Resolution: $0.1\text{mA}$ Clamp Size: $35 \times 40\text{mm}$ 	<b>MEWOI168</b> Range: $0.00\text{mA} \sim 1000\text{A}$ (AC) Resolution: $0.01\text{mA}$ Clamp Size: $\phi 68\text{mm}$ 	<b>MEWOI168B</b> Range: $0.0\text{A} \sim 2000\text{A}$ (AC) Resolution: $0.1\text{A}$ Clamp Size: $\phi 68\text{mm}$ 
	<b>MEWOI168C</b> Range: $0.00\text{A} \sim 1000\text{A}$ (AC) Resolution: $0.01\text{A}$ Clamp Size: $\phi 68\text{mm}$ 	<b>MEWOI168BE</b> Range: $0.0\text{A} \sim 2000\text{A}$ (DC) Resolution: $0.1\text{A}$ Clamp Size: $\phi 68\text{mm}$ 		

Large Caliber leakage Current Clamp Meter	<b>MEWOI8000</b>  Range: AC 0.00mA~1200A, 0~600V Resolution: 0.01mA, 0.01V Clamp Size: 80*80mm Data Storage: 99 sets	<b>MEWOI8000B</b>  Range: AC 0.00mA~2000A, 0~600V Resolution: 0.01mA, 0.01V Clamp Size: 80*80mm Data Storage: 99 sets	<b>MEWOI8000C</b>  Range: AC 0.0A~2500A, 0~600V Resolution: 0.1A, 0.01V Clamp Size: 80*80mm Data Storage: 99 sets	<b>MEWOI8100</b>  Range: AC 0.0mA~3200A, 0~600V Resolution: 0.1mA, 0.01V Clamp Size: 108*148mm Data Storage: 99 sets
	<b>MEWOI8100B</b>  Range: AC 0.0A~4000A, 0~600V Resolution: 0.1A, 0.01V Clamp Size: 108*148mm Data Storage: 99 sets	<b>MEWOI8100E</b>  Range: DC 0.0A~2000A, AC 0.0A~1000A, 0~600V Resolution: 0.1A, 0.01V Clamp Size: 108*148mm Data Storage: 99 sets	Earth Resistance Online Tester	<b>MEWOI3800C</b>  1, Return circuit ground resistance, metallic return connection resistance, grounding conditions on-line monitoring 2, Range: 0.01Ω~200Ω 3 Resolution: 0.01Ω
Large Caliber Three Phase Leakage Current AMP/VOLT Clamp On Power Tester	<b>MEWOI8300</b>  Range: 0.00mA-1200A, 0.00V-600V Resolution: 0.01mA Power Range: AC 0.5W-720KW Frequency Range: 25Hz-100Hz Clamp Size: 80*80mm Data storage: 200sets	<b>MEWOI8300B</b>  Range: 0.0A-2000A, 0.00V-600V Resolution: 0.1A Power Range: AC 0.5W-1200KW Frequency Range: 25Hz-100Hz Clamp Size: 80*80mm Data storage: 200sets		<b>MEWOI3800D</b>  1, Return circuit ground resistance metallic return connection resistance, grounding conditions on-line monitoring 2, 0.01Ω~200Ω 3, 6VDC~9VDC, 50mA Max
Split Type Leakage Current Sensor Probe	<b>MEWOI110L</b>  Range: 0.000mA~ 60(AC) Clamp Size: Φ10mm Resolution: 1uA Coils Turn: 1:800	<b>MEWOI110LE</b>  Range: 0.0mA~ 100mA(DC) Clamp Size: Φ10mm Resolution: 0.1mA Coils Turn: 1:800	<b>MEWOI125L</b>  Range: 0.000mA~ 60(AC) Clamp Size: Φ25mm Resolution: 1uA Coils Turn: 1:800	<b>MEWOI125LE</b>  Range: 0mA~ 100mA(DC) Clamp Size: Φ25mm Resolution: 1mA Coils Turn: 1:800
	<b>MEWOI140L</b>  Range: 0.00mA~ 200(AC) Clamp Size: Φ40 mm Resolution: 1mA Coils Turn: 1:800	<b>MEWOI140LE</b>  Range: 0mA~ 100mA(DC) Clamp Size: Φ40 mm Resolution: 1mA Coils Turn: 1:800	<b>MEWOI185L</b>  Range: 0.000mA~60A(AC) Clamp Size: 85*20mm Resolution: 1uA Coils Turn: 1:800	
High Voltage Current Transformer	<b>MEWOI133H</b>  1, Line Voltage: 65KV and below, 2, Current Range: 0.00mA ~ 600A AC, 3, Resolution: 10uA AC, 4, Turn Ratio: 1:3200	<b>MEWOI148H</b>  1, Line Voltage: 65KV and below, 2, Current Range: 0.0mA ~ 1000A AC, 3, Resolution: 0.1mA AC, 4, Turn Ratio: 1:4000	<b>MEWOI168H</b>  1, Line Voltage: 65KV and below, 2, Current Range: 0.00mA ~ 1000A AC, 3, Resolution: 0.01mA AC, 4, Turn Ratio: 1:4000	

## MEWOI3000B+GROUND RESISTANCE CLAMP METER

**MEWOI3000B+** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3000B+** Clamp Earth Resistance Tester can measure the ground fault which cannot be measured by traditional method, can apply in the occasion where traditional methods are unworkable; **MEWOI3000B+** Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead.



### Main Features :

- 1, Measuring Range: 0.01-200  $\Omega$
- 2, Stored Data: 99 sets,
- 3, Clamp Size: 65mm $\times$ 32mm,
- 4, Power Consumption: Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-200  $\Omega$
- **Resistance Resolution** 0.01  $\Omega$
- **Highest Resistance Accuracy**  $\pm 1\% \pm 0.01 \Omega$
- **Data memory** 99 Sets
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity** -20 $^{\circ}$ C -55 $^{\circ}$ C; 20%RH-90%RH (Please store and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L $\times$ W: 47mm $\times$ 28.5mm
- **Clamp Size** 65mm $\times$ 32mm, Tester Weight 1160g (With batteries), Clamp Dimension L $\times$ W $\times$ T: 285mm $\times$ 85mm $\times$ 56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural Feature** Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery Indication** Low battery symbol displays when battery is lower than 5.3V
- **Memory Full Indication** MEM symbol blinks when all 99 sets memory is full
- **Over Range Indication** Out of range indication "OL  $\Omega$ ", "LO.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface (Optional)** The data stored in the meter are uploaded to the computer through RS232 interface and data wire, Then generate report files
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece, batteries: 4 PCS (LR6)





## MEWOI3000 GROUND RESISTANCE CLAMP METER

**MEWOI3000** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3000** Clamp Earth Resistance Tester can measure the ground fault which cannot be measured by traditional method, can apply in the occasion where traditional methods are unworkable; **MEWOI3000** Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead.



### Main Features :

- 1, Measuring Range: 0.01-1000  $\Omega$
- 2, Clamp Size: 65mm $\times$ 32mm,
- 3, Power Consumption: Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-1000  $\Omega$
- **Resistance Resolution** 0.01  $\Omega$
- **Highest Resistance Accuracy**  $\pm 1\% \pm 0.01 \Omega$
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity** -20 $^{\circ}$ C-55 $^{\circ}$ C; 20%RH-90%RH(Please store and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L $\times$ W: 47mm $\times$ 28.5mm
- **Clamp Size** 65mm $\times$ 32mm, Tester Weight 1160g (With batteries), Clamp Dimension L $\times$ W $\times$ T: 285mm $\times$ 85mm $\times$ 56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural Feature** Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery Indication** Low battery symbol displays when battery is lower than 5.3V
- **Over Range Indication** Out of range indication "OL  $\Omega$ ", "L0.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface (Optional):** Don't Support
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece, batteries: 4 PCS (LR6)



## MEWOI3000+GROUND RESISTANCE CLAMP METER

**MEWOI3000+** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3000+** Clamp Earth Resistance Tester can measure the ground fault which can not be measured by traditional method, can apply in the occasion where traditional methods are unworkable; **MEWOI3000+** Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead.



### Main Features :

- 4, Measuring Range: 0.01-1200  $\Omega$
- 5, Stored Data: 99 sets,
- 6, Clamp Size: 65mm $\times$ 32mm,
- 7, Power Consumption:Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-1200  $\Omega$
- **Resistance Resolution** 0.01  $\Omega$
- **Highest Resistance Accuracy**  $\pm 1\% \pm 0.01 \Omega$
- **Data memory** 99 Sets
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity** -20 $^{\circ}$ C-55 $^{\circ}$ C; 20%RH-90%RH(Please store and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L $\times$ W: 47mm $\times$ 28.5mm
- **Clamp Size** 65mm $\times$ 32mm, Tester Weight 1160g (With batteries), Clamp Dimension L $\times$ W $\times$ T: 285mm $\times$ 85mm $\times$ 56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural Feature** Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery Indication** Low battery symbol displays when battery is lower than 5.3V
- **Memory Full Indication** MEM symbol blinks when all 99 sets memory is full
- **Over Range Indication** Out of range indication "OL  $\Omega$ ", "LO.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface (Optional)** The data stored in the meter are uploaded to the computer through RS232 interface and data wire, Then generate report files
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece, batteries: 4 PCS (LR6)





## MEWOI3000D GROUND RESISTANCE CLAMP METER

**MEWOI3000D** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3000D** Clamp Earth Resistance Tester can measure the ground fault which cannot be measured by traditional method, can apply in the occasion where traditional methods are unworkable; **MEWOI3000D** Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead. What's more, **MEWOI3000D** Series tester can measure the leakage current of ground wire.



### Main Features :

- 1, Measuring Range: 0.01-1000  $\Omega$  , 0.00-20.00A
- 2, Stored Data: 99 sets,
- 3, Clamp Size: 65mm $\times$ 32mm,
- 4, Power Consumption:Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-1200  $\Omega$  , Resolution 0.01  $\Omega$
- **Current Range** 0.00mA-20.0A, Current Resolution: 0.05mA
- **Highest Resistance Accuracy**  $\pm 1\% \pm 0.01 \Omega$  ,  $\pm 2.5\% \pm 1mA$
- **Data memory** 99 Sets
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity** -20 $^{\circ}$ C-55 $^{\circ}$ C; 20%RH-90%RH(Please store and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L $\times$ W: 47mm $\times$ 28.5mm
- **Clamp Size** 65mm $\times$ 32mm, Tester Weight 1160g (With batteries), Clamp Dimension L $\times$ W $\times$ T: 285mm $\times$ 85mm $\times$ 56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural Feature** Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery Indication** Low battery symbol displays when battery is lower than 5.3V
- **Memory Full Indication** MEM symbol blinks when all 99 sets memory is full
- **Over Range Indication** Out of range indication "OL  $\Omega$  ", "LO.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface (Optional): Don't Support**
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece , batteries: 4 PCS ( LR6)



## MEWOI3000D+GROUND RESISTANCE CLAMP METER

**MEWOI3000D+** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3000D+** Clamp Earth Resistance Tester can measure the ground fault which can not be measured by traditional method, can apply in the occasion where traditional methods are unworkable; **MEWOI3000D+** Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead. What's more, **MEWOI3000D+** Series tester can measure the leakage current of ground wire.



### Main Features :

- 5, Measuring Range: 0.01-1200  $\Omega$  , 0.00-20.00A
- 6, Stored Data: 99 sets,
- 7, Clamp Size: 65mm $\times$ 32mm,
- 8, Power Consumption:Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-1200  $\Omega$  , Resolution 0.01  $\Omega$
- **Current Range** 0.00mA-20.0A, Current Resolution: 0.05mA
- **Highest Resistance Accuracy**  $\pm 1\% \pm 0.01 \Omega$  ,  $\pm 2.5\% \pm 1mA$
- **Data memory** 99 Sets
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity** -20 $^{\circ}$ C-55 $^{\circ}$ C; 20%RH-90%RH(Please storage and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L $\times$ W: 47mm $\times$ 28.5mm
- **Clamp Size** 65mm $\times$ 32mm, Tester Weight 1160g (With batteries), Clamp Dimension L $\times$ W $\times$ T: 285mm $\times$ 85mm $\times$ 56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural Feature** Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery Indication** Low battery symbol displays when battery is lower than 5.3V
- **Memory Full Indication** MEM symbol blinks when all 99 sets memory is full
- **Over Range Indication** Out of range indication "OL  $\Omega$  ", "LO.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface (Optional)** The data stored in the meter are uploaded to the computer through RS232 interface and data wire, Then generate report files
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece , batteries: 4 PCS ( LR6)



## MEWOI3000F+GROUND RESISTANCE CLAMP METER

**MEWOI3000F+** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3000F+** Clamp Earth Resistance Tester can measure the ground fault which cannot be measured by traditional method, can apply in the occasion where traditional methods are unworkable; **MEWOI3000F+** Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead. What's more, **MEWOI3000F+** Series tester can measure the leakage current of ground wire.



### Main Features :

- 9, Measuring Range: 0.01-1200  $\Omega$  , 0.00-40.00A
- 10, Stored Data: 99 sets,
- 11, Clamp Size: 65mm $\times$ 32mm,
- 12, Power Consumption:Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-1200  $\Omega$  , Resolution 0.01  $\Omega$
- **Current Range** 0.00mA-40.0A, Current Resolution: 0.05mA
- **Highest Resistance Accuracy**  $\pm 1\% \pm 0.01 \Omega$  ,  $\pm 2.5\% \pm 1mA$
- **Data memory** 99 Sets
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity** -20 $^{\circ}$ C-55 $^{\circ}$ C; 20%RH-90%RH(Please store and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L $\times$ W: 47mm $\times$ 28.5mm
- **Clamp Size** 65mm $\times$ 32mm, Tester Weight 1160g (With batteries), Clamp Dimension L $\times$ W $\times$ T: 285mm $\times$ 85mm $\times$ 56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural Feature** Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery Indication** Low battery symbol displays when battery is lower than 5.3V
- **Memory Full Indication** MEM symbol blinks when all 99 sets memory is full
- **Over Range Indication** Out of range indication "OL  $\Omega$  ", "LO.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface (Optional): Support**
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece , batteries: 4 PCS ( LR6)
- 





## MEWOI3100B+GROUND RESISTANCE CLAMP METER

**MEWOI3100B+** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3100B+** Clamp Earth Resistance Tester can measure the ground fault which can not be measured by traditional method, can apply in the occasion where traditional methods are unworkable; MEWOI3100B+ Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead.



### Main Features :

- 1, Measuring Range: 0.01-200  $\Omega$
- 2, Stored Data: 99 sets,
- 3, Clamp Size:  $\varnothing 32\text{mm}$ ,
- 4, Power Consumption: Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-200  $\Omega$
- **Resistance Resolution** 0.01  $\Omega$
- **Highest Resistance Accuracy**  $\pm 1\% \pm 0.01 \Omega$
- **Data memory** 99 Sets
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity**  $-20^{\circ}\text{C} - 55^{\circ}\text{C}$ ; 20%RH-90%RH (Please store and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L×W: 47mm×28.5mm
- **Clamp Size** 65mm×32mm, Tester Weight 1160g (With batteries), Clamp Dimension L×W×T: 285mm×85mm×56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural** Feature Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery Indication** Low battery symbol displays when battery is lower than 5.3V
- **Memory Full Indication** MEM symbol blinks when all 99 sets memory is full
- **Over Range Indication** Out of range indication "OL  $\Omega$ ", "LO.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface (Optional)** The data stored in the meter are uploaded to the computer through RS232 interface and data wire, Then generate report files
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece, batteries: 4 PCS (LR6)



## MEWOI3100 GROUND RESISTANCE CLAMP METER

**MEWOI3100** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3100** Clamp Earth Resistance Tester can measure the ground fault which cannot be measured by traditional method, can apply in the occasion where traditional methods are unworkable; **MEWOI3100** Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead.

### Main Features :

- 1, Measuring Range: 0.01-1000  $\Omega$
- 2, Clamp Size:  $\varnothing 32\text{mm}$ ,
- 3, Power Consumption: Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-1000  $\Omega$
- **Resistance Resolution** 0.01  $\Omega$
- **Highest Resistance Accuracy**  $\pm 1\% \pm 0.01 \Omega$
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity** - 20°C-55°C; 20%RH-90%RH(Please store and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L×W: 47mm×28.5mm
- **Clamp Size** 65mm×32mm, Tester Weight 1160g (With batteries), Clamp Dimension L×W×T: 285mm×85mm×56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural Feature** Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery Indication** Low battery symbol displays when battery is lower than 5.3V
- **Over Range Indication** Out of range indication "OL  $\Omega$ ", "LO.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface** : Don't Support
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece , batteries: 4 PCS ( LR6)



## MEWOI3100+GROUND RESISTANCE CLAMP METER

**MEWOI3100+** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3100+** Clamp Earth Resistance Tester can measure the ground fault which cannot be measured by traditional method, can apply in the occasion where traditional methods are unworkable; **MEWOI3100+** Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead.



### Main Features :

- 4, Measuring Range: 0.01-1200  $\Omega$
- 5, Stored Data: 99 sets,
- 6, Clamp Size:  $\varnothing 32\text{mm}$ ,
- 7, Power Consumption: Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-1200  $\Omega$
- **Resistance Resolution** 0.01  $\Omega$
- **Highest Resistance Accuracy**  $\pm 1\% \pm 0.01 \Omega$
- **Data memory** 99 Sets
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity** - 20°C-55°C; 20%RH-90%RH(Please store and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L×W: 47mm×28.5mm
- **Clamp Size** 65mm×32mm, Tester Weight 1160g (With batteries), Clamp Dimension L×W×T: 285mm×85mm×56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural Feature** Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery Indication** Low battery symbol displays when battery is lower than 5.3V
- **Memory Full Indication** MEM symbol blinks when all 99 sets memory is full
- **Over Range Indication** Out of range indication "OL  $\Omega$ ", "LO.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface (Optional)** The data stored in the meter are uploaded to the computer through RS232 interface and data wire, Then generate report files
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece, batteries: 4 PCS ( LR6)





## MEWOI3100D GROUND RESISTANCE CLAMP METER

**MEWOI3100D** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3100D** Clamp Earth Resistance Tester can measure the ground fault which cannot be measured by traditional method, can apply in the occasion where traditional methods are unworkable; **MEWOI3100D** Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead. What's more, **MEWOI3100D** Series tester can measure the leakage current of ground wire.



### Main Features :

- 1, Measuring Range: 0.01-1000  $\Omega$  , 0.00-20.00A
- 2, Stored Data: 99 sets
- 3, Clamp Size:  $\varnothing 32\text{mm}$
- 4, Power Consumption: Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-1000  $\Omega$  Resolution 0.01  $\Omega$
- **Current Range** 0.00mA-20.0A Current Resolution 0.05mA
- **Highest Accuracy**  $\pm 1\% \pm 0.01 \Omega$  ,  $\pm 2.5\% \pm 1\text{mA}$
- **Data memory** 99 Sets
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity** -20°C-55°C; 20%RH-90%RH(Please store and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L×W: 47mm×28.5mm
- **Clamp Size** 65mm×32mm, Tester Weight 1160g (With batteries), Clamp Dimension L×W×T: 285mm×85mm×56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural Feature** Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery** Indication Low battery symbol displays when battery is lower than 5.3V
- **Memory Full Indication** MEM symbol blinks when all 99 sets memory is full
- **Over Range Indication** Out of range indication "OL  $\Omega$ ", "LO.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface** : Don't Support
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece , batteries: 4 PCS ( LR6)



## MEWOI3100D+GROUND RESISTANCE CLAMP METER

**MEWOI3100D+** Clamp Earth Resistance Tester is widely applied in ground resistance measurement, loop resistance measurement in fields such as electric power, telecommunications, meteorology, oil field, architecture and industrial electrical equipment, etc. When measuring ground system with loop, there is no need to disconnect the ground wire without auxiliary electrode, which means safer and faster. **MEWOI3100D+** Clamp Earth Resistance Tester can measure the ground fault which cannot be measured by traditional method, can apply in the occasion where traditional methods are unworkable; **MEWOI3100D+** Clamp Earth Resistance Tester measures the integrated value of ground resistance and resistance lead. What's more, **MEWOI3100D+** Series tester can measure the leakage current of ground wire.



### Main Features :

- 5, Measuring Range: 0.01-1200  $\Omega$  , 0.00-20.00A
- 6, Stored Data: 99 sets
- 7, Clamp Size:  $\varnothing 32\text{mm}$
- 8, Power Consumption: Maximum 50mA, Longer battery life

### Technical Specification

- **Function** Ground resistance test, Loop resistance test
- **Power Supply** 6VDC 4 PCS of LR6 alkaline batteries
- **Resistance Range** 0.01-1200  $\Omega$  Resolution 0.01  $\Omega$
- **Current Range** 0.00mA-20.0A Current Resolution 0.05mA
- **Highest Accuracy**  $\pm 1\% \pm 0.01 \Omega$  ,  $\pm 2.5\% \pm 1\text{mA}$
- **Data memory** 99 Sets
- **Alarm Threshold Setting Range** Resistance: 1-199  $\Omega$
- **Alarm Sound and Light** "Beep-beep-beep" alarm tone, Alarm Symbol Flashing, Press AL key to turn on, turn off Alarm or set Alarm Threshold.
- **Interference Signal Recognition** "Beep-beep-beep" tone, NOISE symbol blinking
- **Working Temperature and Humidity** -20°C-55°C; 20%RH-90%RH(Please store and Operate the instrument at its ranges)
- **LCD Screen** 4 Digits LCD display, Screen L×W: 47mm×28.5mm
- **Clamp Size** 65mm×32mm, Tester Weight 1160g (With batteries), Clamp Dimension L×W×T: 285mm×85mm×56mm
- **Clamp Opening** Extent 32mm
- **Protection Level** Dual Insulation
- **Structural Feature** Clamp CT
- **Shifting** Automatic shifting
- **External magnetic field** <40A/m, External electrical field <1V/m
- **Single measurement time** 0.5 second
- **Resistance measurement frequency** >1KHz
- **Measured current frequency** 50/60Hz Automatic measurement
- **Low Battery** Indication Low battery symbol displays when battery is lower than 5.3V
- **Memory Full Indication** MEM symbol blinks when all 99 sets memory is full
- **Over Range Indication** Out of range indication "OL  $\Omega$ ", "LO.01" or "OL A"
- **Auto Power-off** 5 minutes after Boot up
- **Power Consumption** Max 50mA either in booting up or normally working, Continuously working for 30 hours
- **RS232 Interface (Optional)** The data stored in the meter are uploaded to the computer through RS232 interface and data wire, Then generate report files
- **Accessories** Meter: 1 piece, Test Ring: 1 Piece, Meter Suitcase: 1 Piece , batteries: 4 PCS ( LR6)



## MEWOI2600 Wireless High Voltage Phase Detector

**MEWOI2600** wireless high-voltage phase detector is designed specially for the high-voltage phase detection, breaking the traditional phase voltage level limit, can detect phase at ultra-low voltage, fully automated from 200V ~ 220kV (such as 400V, 10kV, 35kV, 66kV, 110kV, 220kV), without the need to purchase multiple sets of phase meter according to the voltage level, saving cost and reducing carrying time. For the phase detection of the high-voltage line (when the voltage exceeds 400V), the detector's metal hook can be gradually close to the wire, inducing the electric field signal to complete the nuclear phase, without direct contact with high-voltage wire, safe! When the bare wire voltage exceeds 35 kV, a non-contact phase detection must be used. The phase detector also has functions such as phase test, frequency test, phase sequence test, inspection, transformer group judgment etc.



### Main Features:

1. High-voltage phase detect, frequency, phase, phase sequence, electrical inspection.
2. Phase voltage: 200V~220kV
3. Test phase:  $0.0^{\circ} \sim 360.0^{\circ}$
4. Test Frequency: 45.0Hz ~65.0Hz. Voice prompts
5. Wireless transmission, color display, vector diagram instructions, phase indication, data upload function.



### SPECIFICATION

**Functions:** High-voltage phase detect, frequency, phase, phase sequence, electrical inspection.

**Power Supply** Host: DC9V, 6pcs 5 alkaline batteries, Detector: Zinc - manganese dry batteries 6F22 - 9V

**Phase Detect Modes:** 1. Contact Phase Detect: can contact wire which is below 35KV (bare wire) or 220KV (With insulation Cover)

2. Non-Contact Phase Detect: conduct non-contact testing when bare wire exceeds 35KV, detect Probe close to the wire gradually.

**Wireless Distance** 30M **Phase characterization** 1. In Phase:  $-25^{\circ} \sim 25^{\circ}$  2. Out of Phase:  $95^{\circ} \sim 145^{\circ}$  and  $215^{\circ} \sim 265^{\circ}$

**Phase detect Voltage** 200V~220Kv **Phase Range**  $0.0^{\circ} \sim 360.0^{\circ}$ ; Accuracy:  $\leq \pm 12^{\circ}$ ; Definition: 0.1°

**Frequency Range** 45.0Hz~65.0Hz; Accuracy:  $\leq \pm 2\text{Hz}$ ; Definition: 0.1Hz

**Transmission frequency** 433MHz、315MHz **LCD** 3.5inch Color Display; Display Field: 71mm×53mm

**Phase indication** Phasor diagram and digital display **Power indication** Green indication light

**Working indication** Sound and Light Indicator, red double flash indicator and "beep - beep - beep" beep sound

**Display Speed** 2Times/Second **Data Storage** 9999Sets (Replace the battery without losing data)

**LCD backlight** Adjustable brightness, to adapt to different environments **Automatic shut-down** Turn on the instrument for about 5 minutes

**Battery Voltage** When the battery voltage dropped to  $7.2\text{V} \pm 0.1\text{V}$ , "the battery voltage is low" symbol display, to remind the replacement of the battery, the measured data is also accurate. **Rated current** Detector: 30mA max; Host: 150mA max

**Weight** Host: 950g (includes Batteries), Packing and Insulation Rod: 3KG **Size:** Host: 195mm×100mm×45mm; Detector: 290mm×250mm×80mm

**Insulation Rod Length** Max Diameter:  $\Phi 38\text{mm}$ ; Length: Pull Back 1050mm; Extend 4850mm

**Insulation Test** Insulated rods at both ends after drawing: AC 220 kV / rms, Host, detector: AC 3700V / rms (exposed metal and plastic housing)

**Outside Interference** No special strong electromagnetic field; no 433MHz, 315MHz frequency interference

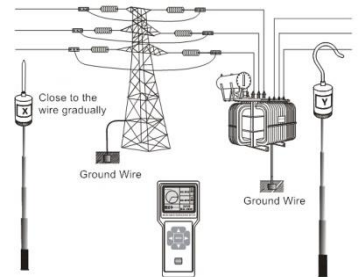
**Working Temperature and Humidity**  $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ; below 80%rh

**Storage Temperature and Humidity**  $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ ; below 70%rh

**Degree of protection** IP63

**Safety Protocol** GB13398—92、GB311.1—311.6—8、3DL408—91, 《General technical requirements for portable nuclear power apparatus for use in 1kV ~ 35kV portable power plants DL/T971-2005》, IEC61481—A2; 2004; IEC 61243—1 ed.2:2003

**Accessories** Host: 1set, Detector: 2 pieces, Probe: 2pcs, Probe Hook: 2pcs, insulation rod: 2pcs, 1 piece of software CD, 1 piece of USB data cable, 6 pieces of LR6 battery, 2 pieces of 6F22 battery, 1 inspection line, Toolkit 1 piece





## MEWOI5000B Intelligent Double Clamp Digital Phase Volt-Ampere Meter

### Main Features :

**MEWOI5000B** Simultaneous measurement of two AC voltage, current, phase between voltage, phase between current, phase between voltage and current, frequency, phase sequence, active power, reactive power, apparent power, power factor, distinguish transformer wiring group, inductive and capacitive circuits, test second circuit and bus differential protection systems, read the phase relationship between CTs of the differential protection, check the meter wiring right, repair lines and equipment, etc.



### Technical Specification

- **Power** DC9V alkaline batteries (1.5V AA×6)
- **Consumption** About 70mA at most with enabled backlight, battery working continuously for about 14 hours
  - About 40mA with disabled backlight, battery working continuously for about 20 hours
- **Display Mode** LCD display, 240dots×160dots
- **Meter Size** Length, Width, Height: 196mm×92mm×54mm
- **Clamp Size** acuminate current clamp: 7.5mm×13mm
- **Measurement Range(automatic shift):** AC Voltage: 0.00 V~600V (automatic shift), AC Current: 0.0mA~20.0A (automatic shift)
- **Phase: 0~360° Frequency:** 45.00Hz~65.00Hz, Active Power: 0.0W~12Kw, Reactive Power: 0.0W~12kVAR,
- **Apparent Power:** 0.0W~12kVA, Power Factor: -1~+1
- **Resolution Voltage:** AC 0.01V, Current: AC 0.1mA, Phase: 0.1°, Frequency: 0.01Hz, Active Power: 0.1W, Reactive Power: 0.1VAR
  - Apparent Power: 0.1VA, Power Factor: 0.001
- **Sample Rate** About 2 times/second
- **Data Hold** Press HOLD key to keep data, "DH" symbol appears
- **Data Storage** 1500 sets
- **RS232 Interface** USB-RS232 interface, download data to computer for analysis and management
- **Automatic Shutdown** Automatic shutdown about 15 minutes later after launching to reduce battery consumption
- **Backlighting:** Suitable for dark place and nightly use
- **Voltage Detection** Low battery symbol " " appears to remind the replacement of battery when the battery voltage drops below 7.2V.
- **Weight** Main Unit about 550g (with battery), acuminate current clamp about 170g×2, round current clamp about 185g×3,
  - test line about 250g
- **Test Line Length** 1.5m
- **Current Clamp Length** 2m×φ5mm
- **Working Temperature and Humidity:** -10℃~40℃; below 80%Rh
- **Storage Temperature and Humidity:** -10℃~60℃; below 70%Rh
- **Input Impedance** Testing voltage the input impedance is 2MΩ
- **Withstand Voltage** Withstand 1000V/50Hz sine wave AC voltage for 1 minute between the meter lines and shell; Withstand
  - 500V/50Hz AC voltage sine wave for 1 minute between the two voltage inputs
- **Insulation** ≥100MΩ between meter lines and shell or between the two voltage inputs
- **Structure** Double insulation, with insulation vibration-proof sheath
- **Safety Specifications** IEC61010-1 CAT III 600V, IEC61010-031, IEC61326, 2 class of pollution
- **Accessories** Main Unit: 1 pc; Meter Box: 1 piece; Current Clamp: 3 pcs; Test Line: 4 pcs(2 yellow, 2 black); RS232 Data Line: 1 pc; Disk: 1 pc; Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI5200B Intelligent Double Clamp Digital Phase Volt-Ampere Meter

### Main Features :

**MEWOI5200B** Simultaneous measurement of two AC voltage, current, phase between voltage, phase between current, phase between voltage and current, frequency, phase sequence, active power, reactive power, apparent power, power factor, distinguish transformer wiring group, inductive and capacitive circuits, test second circuit and bus differential protection systems, read the phase relationship between CTs of the differential protection, check the meter wiring right, repair lines and equipment, etc.



### Technical Specification

- **Power** DC9V alkaline batteries (1.5V AA×6)
- **Consumption** About 70mA at most with enabled backlight, battery working continuously for about 14 hours
  - About 40mA with disabled backlight, battery working continuously for about 20 hours
- **Display Mode** LCD display, 240dots×160dots
- **Meter Size** Length, Width, Height: 196mm×92mm×54mm
- **Clamp Size** acuminate current clamp: 35mm×40mm
- **Measurement Range(automatic shift):** AC Voltage: 0.00 V~600V (automatic shift), AC Current: 0.0mA~20.0A (automatic shift)
- **Phase: 0~360° Frequency:** 45.00Hz~65.00Hz, Active Power: 0.0W~12Kw, Reactive Power: 0.0W~12kVAR,
  - Apparent Power: 0.0W~12kVA, Power Factor: -1~+1
- **Resolution Voltage:** AC 0.01V, Current: AC 0.1mA, Phase: 0.1°, Frequency: 0.01Hz, Active Power: 0.1W, Reactive Power: 0.1VAR
  - Apparent Power: 0.1VA, Power Factor: 0.001
- **Sample Rate** About 2 times/second
- **Data Hold** Press HOLD key to keep data, "DH" symbol appears
- **Data Storage** 1500 sets
- **RS232 Interface** USB-RS232 interface, download data to computer for analysis and management
- **Automatic Shutdown** Automatic shutdown about 15 minutes later after launching to reduce battery consumption
- **Backlighting:** Suitable for dark place and nightly use
- **Voltage Detection** Low battery symbol " " appears to remind the replacement of battery when the battery voltage drops below 7.2V.
- **Weight** Main Unit about 550g (with battery), acuminate current clamp about 170g×2, round current clamp about 185g×3,
  - test line about 250g
- **Test Line Length** 1.5m **Current Clamp Length** 2m×φ5mm
- **Working Temperature and Humidity:** -10℃~40℃; below 80%Rh
- **Storage Temperature and Humidity:** -10℃~60℃; below 70%Rh
- **Input Impedance** Testing voltage the input impedance is 2MΩ
- **Withstand Voltage** Withstand 1000V/50Hz sine wave AC voltage for 1 minute between the meter lines and shell; Withstand
  - 500V/50Hz AC voltage sine wave for 1 minute between the two voltage inputs
- **Insulation** ≥100MΩ between meter lines and shell or between the two voltage inputs
- **Structure** Double insulation, with insulation vibration-proof sheath
- **Safety Specifications** IEC61010-1 CAT III 600V, IEC61010-031, IEC61326, 2 class of pollution
- **Accessories** Main Unit: 1 pc; Meter Box: 1 piece; Current Clamp: 3 pcs; Test Line: 4 pcs(2 yellow, 2 black); RS232 Data Line: 1 pc; Disk: 1 pc; Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI5300 Three Phase Digital Phase Volt-Ampere Meter

### Main Features :

**MEWOI5300** Simultaneous measurement of two AC voltage, current, phase between voltage, phase between current, phase between voltage and current, frequency, phase sequence, active power, reactive power, apparent power, power factor, distinguish transformer wiring group, inductive and capacitive circuits, test second circuit and bus differential protection systems, read the phase relationship between CTs of the differential protection, check the meter wiring right, repair lines and equipment, etc.



### Technical Specification

- **Power** DC9V alkaline batteries (1.5V AA×6)
- **Consumption** About 70mA at most with enabled backlight, battery working continuously for about 14 hours
  - About 40mA with disabled backlight, battery working continuously for about 20 hours
- **Display Mode** LCD display, 240dots×160dots
- **Meter Size** Length, Width, Height: 196mm×92mm×54mm
- **Clamp Size** acuminate current clamp: 7.5mm×13mm
- **Measurement Range(automatic shift):** AC Voltage: 0.00 V~600V (automatic shift), AC Current: 0.0mA~20.0A (automatic shift)
- **Phase: 0~360° Frequency:** 45.00Hz~65.00Hz, Active Power: 0.0W~12Kw, Reactive Power: 0.0W~12kVAR, Apparent Power: 0.0W~12kVA, Power Factor: -1~+1
- **Resolution Voltage:** AC 0.01V, Current: AC 0.1mA, Phase: 0.1°, Frequency: 0.01Hz, Active Power: 0.1W, Reactive Power: 0.1VAR
  - Apparent Power: 0.1VA, Power Factor: 0.001
- **Sample Rate** About 2 times/second
- **Data Hold** Press HOLD key to keep data, "DH" symbol appears
- **Data Storage** 500 sets
- **RS232 Interface** USB-RS232 interface, download data to computer for analysis and management
- **Automatic Shutdown** Automatic shutdown about 15 minutes later after launching to reduce battery consumption
- **Backlighting:** Suitable for dark place and nightly use
- **Voltage Detection** Low battery symbol " " appears to remind the replacement of battery when the battery voltage drops below 7.2V.
- **Weight** Main Unit about 550g (with battery), acuminate current clamp about 170g×3, round current clamp about 185g×3,
  - test line about 250g
- **Test Line Length** 1.5m **Current Clamp Length** 2m×φ5mm
- **Working Temperature and Humidity:** -10℃~40℃; below 80%Rh
- **Storage Temperature and Humidity:** -10℃~60℃; below 70%Rh
- **Input Impedance** Testing voltage the input impedance is 2MΩ
- **Withstand Voltage** Withstand 1000V/50Hz sine wave AC voltage for 1 minute between the meter lines and shell; Withstand
  - 500V/50Hz AC voltage sine wave for 1 minute between the two voltage inputs
- **Insulation** ≥100MΩ between meter lines and shell or between the two voltage inputs
- **Structure** Double insulation, with insulation vibration-proof sheath
- **Safety Specifications** IEC61010-1 CAT III 600V, IEC61010-031, IEC61326, 2 class of pollution
- **Accessories** Main Unit: 1 pc; Meter Box: 1 piece; Current Clamp: 3 pcs; Test Line: 4 pcs(2 yellow, 2 black); RS232 Data Line: 1 pc; Disk: 1 pc; Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc; Guarantee Card: 1 pc; Certification: 1 pc.





## MEWOI5700 Three Phase Digital Phase Volt-Ampere Meter

### Main Features :

**MEWOI5700** Simultaneous measurement of two AC voltage, current, phase between voltage, phase between current, phase between voltage and current, frequency, phase sequence, active power, reactive power, apparent power, power factor, distinguish transformer wiring group, inductive and capacitive circuits, test second circuit and bus differential protection systems, read the phase relationship between CTs of the differential protection, check the meter wiring right, repair lines and equipment, etc.



### Technical Specification

- **Power** DC9V alkaline batteries (1.5V AA×6)
- **Consumption** About 70mA at most with enabled backlight, battery working continuously for about 14 hours
  - About 40mA with disabled backlight, battery working continuously for about 20 hours
- **Display Mode** LCD display, 240dots×160dots
- **Meter Size** Length, Width, Height: 196mm×92mm×54mm
- **Clamp Size** acuminate current clamp: 35mm×40mm
- **Measurement Range(automatic shift):** AC Voltage: 0.00 V~600V (automatic shift), AC Current: 0.0mA~20.0A (automatic shift)
- **Phase: 0~360° Frequency:** 45.00Hz~65.00Hz, Active Power: 0.0W~12Kw, Reactive Power: 0.0W~12kVAR,
  - Apparent Power: 0.0W~12kVA, Power Factor: -1~+1
- **Resolution Voltage:** AC 0.01V, Current: AC 0.1mA, Phase: 0.1°, Frequency: 0.01Hz, Active Power: 0.1W, Reactive Power: 0.1VAR
  - Apparent Power: 0.1VA, Power Factor: 0.001
- **Sample Rate** About 2 times/second
- **Data Hold** Press HOLD key to keep data, "DH" symbol appears
- **Data Storage** 500 sets
- **RS232 Interface** USB-RS232 interface, download data to computer for analysis and management
- **Automatic Shutdown** Automatic shutdown about 15 minutes later after launching to reduce battery consumption
- **Backlighting:** Suitable for dark place and nightly use
- **Voltage Detection** Low battery symbol " " appears to remind the replacement of battery when the battery voltage drops below 7.2V.
- **Weight** Main Unit about 550g (with battery), acuminate current clamp about 170g×3, round current clamp about 185g×3,
  - test line about 250g
- **Test Line Length** 1.5m **Current Clamp Length** 2m×φ5mm
- **Working Temperature and Humidity:** -10℃~40℃; below 80%Rh
- **Storage Temperature and Humidity:** -10℃~60℃; below 70%Rh
- **Input Impedance** Testing voltage the input impedance is 2MΩ
- **Withstand Voltage** Withstand 1000V/50Hz sine wave AC voltage for 1 minute between the meter lines and shell; Withstand
  - 500V/50Hz AC voltage sine wave for 1 minute between the two voltage inputs
- **Insulation** ≥100MΩ between meter lines and shell or between the two voltage inputs
- **Structure** Double insulation, with insulation vibration-proof sheath
- **Safety Specifications** IEC61010-1 CAT III 600V, IEC61010-031, IEC61326, 2 class of pollution
- **Accessories** Main Unit: 1 pc; Meter Box: 1 piece; Current Clamp: 3 pcs; Test Line: 4 pcs(2 yellow, 2 black); RS232 Data Line: 1 pc; Disk: 1 pc; Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI7000 mA~60.0A AC/DC High Accuracy Clamp Leaker /Current Leakage Tester

### Main Features :

- 1, Able to measure DC leakage current, AC leakage current
- 2, Small clamp, suit for densely place
- 3, Current range: DC/AC 0mA~60A
- 4, Current resolution: 1mA
- 5, Size of clamp:  $\Phi$  7mm
- 6, With RS232 interface 7.Data storage: 99 sets

### Technical Specification

- **Function** Measurement of AC/DC current, leakage current
- **Power Supply** Zn-Mn dry battery, 6F22, 9V, continuous use for 100h
- **Test Mode** Clip-on CT, noncontact measurement
- **Clamp Size**  $\Phi$  7mm
- **Measurement Range** 0mA~60.0A AC/DC
- **Resolution** 1mA AC/DC
- **Accuracy**  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$  ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 75%rh)
- **Display Mode** Four digits LCD display
- **Dimension** LWH: 168mm×65mm×34mm
- **LCD Dimension** 35mm×21.5mm; display domain: 32mm×15mm
- **Sampling Rate** 2 times/s
- **Frequency** AC: 45Hz-400Hz
- **Polarity Indication** DC current auto identified and display"—"
- **Test Position** Tested wire in the jaw center
- **Range Shift** Automatically
- **Line Voltage** AC600V
- **RS232 Interface** Data stored in the memory of the meter via RS232 upload to PC
- **Com-Configure** Baud rate: 9600, data bit:8, stop bit:1, check bit: NONE
- **Data Memory** 99Sets, FULL blinks when the memory is full
- **Reading Hold** DH indicating the reading is hold
- **Out of Range** OL indicating the current is out of range
- **Auto Power-off** 5 Minutes after power on, it will power off automatically to lower the power consumption
- **Battery Voltage** Indicating the battery voltage is lower than 7.2V. Then the battery have to be changed
- **Weight** 180g(including the battery)
- **Working Current** 10mA
- **Humidity**  $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ , below 80%rh
- **Limit Temperature Error**  $-10^{\circ}\text{C} \sim 0^{\circ}\text{C}$  and  $40^{\circ}\text{C} \sim 50^{\circ}\text{C}$ , within  $2\% \text{rdg}$
- **Humidity Storage**  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ , below 70%rh
- **Insulating Strength** AC 3700V/rms. (between the alloy of the clamp and the housing)
- **Applicable safety rules** IEC1010-1, IEC1010-2-032, pollution:2, CAT III(600V)
- **Accessories** Meter:1pc; Toolkit:1pc; RS232 communication line; Disk:1pc; Case:1pc  
Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc ; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI7000C ~ Portable High Accuracy AC/DC Clamp Meter/clamp on leakage current tester

### Main Features :

- 1, Able to measure DC leakage current, AC leakage current
- 2, Small clamp, suit for densely place
- 3, Current range: DC/AC 0mA~60A
- 4, Current resolution: 1mA
- 5, Size of clamp: 16mm×18mm
- 6, With RS232 interface
- 7, Data storage: 99 sets

### Technical Specification

- **Function** Measurement of AC/DC current, leakage current
- **Power Supply** Zn-Mn dry battery, 6F22, 9V, continuous use for 100h
- **Test Mode** Clip-on CT, noncontact measurement
- **Clamp Size** 16mm×18mm
- **Measurement Range** 0mA~60.0A AC/DC
- **Resolution** 1mA AC/DC
- **Accuracy**  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$  ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 75%rh)
- **Display Mode** Four digits LCD display
- **Dimension** LWH: 215mm×65mm×34mm
- **LCD Dimension** 35mm×21.5mm; display domain: 32mm×15mm
- **Sampling Rate** 2 times/s
- **Frequency** AC: 45Hz-400Hz
- **Polarity Indication** DC current auto identified and display"—"
- **Test Position** Tested wire in the jaw center
- **Range Shift** Automatically
- **Line Voltage** AC600V
- **RS232 Interface** Data stored in the memory of the meter via RS232 upload to PC
- **Com-Configure** Baud rate: 9600, data bit:8, stop bit:1, check bit: NONE
- **Data Memory** 99Sets, FULL blinks when the memory is full
- **Reading Hold** DH indicating the reading is hold
- **Out of Range** OL indicating the current is out of range
- **Auto Power-off** 5 Minutes after power on, it will power off automatically to lower the power consumption
- **Battery Voltage** Indicating the battery voltage is lower than 7.2V. Then the battery have to be changed
- **Weight** 220g(including the battery)
- **Working Current** 10mA
- **Humidity**  $-10^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , below 80%rh
- **Limit Temperature Error**  $-10^{\circ}\text{C}$ - $0^{\circ}\text{C}$  and  $40^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , within 2%rdg
- **Humidity Storage**  $-10^{\circ}\text{C}$ - $60^{\circ}\text{C}$ , below 70%rh
- **Insulating Strength** AC 3700V/rms. (between the alloy of the clamp and the housing)
- **Applicable safety rules** IEC1010-1, IEC1010-2-032, pollution:2, CAT III(600V)
- **Accessories** Meter:1pc; Toolkit:1pc; RS232 communication line; Disk:1pc; Case:1pc

Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc ; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI7100 ~ Portable High Accuracy AC/DC Clamp Meter/clamp on leakage current tester

### Main Features :

1. AC/DC Range: 0.0A-1000A
2. Clamp Size:30\*35mm
3. RS232 interface
4. Data storage: 99 sets

### Technical Specification

- **Function** Measurement of AC/DC current, leakage current
- **Power Supply** Zn-Mn dry battery,6F22,9V, continuous use for 100h
- **Test Mode** Clip-on CT, noncontact measurement
- **Clamp Size** 30mm×35mm
- **Measurement Range** AC/DC 0.0A~1000A
- **Resolution** 0.1A AC/DC
- **Accuracy**  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$  ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 75%rh)
- **Display Mode** Four digits LCD display
- **Dimension** LWH: 168mm×65mm×34mm
- **LCD Dimension** 35mm×21.5mm; display domain: 32mm×15mm
- **Sampling Rate** 2 times/s
- **Frequency** AC: 45Hz-400Hz
- **Polarity Indication** DC current auto identified and display"—"
- **Test Position** Tested wire in the jaw center
- **Range Shift** Automatically
- **Line Voltage** AC600V
- **RS232 Interface** Data stored in the memory of the meter via RS232 upload to PC
- **Com-Configure** Baud rate: 9600, data bit:8, stop bit:1, check bit: NONE
- **Data Memory** 99Sets, FULL blinks when the memory is full
- **Reading Hold** DH indicating the reading is hold
- **Out of Range** OL indicating the current is out of range
- **Auto Power-off** 5 Minutes after power on, it will power off automatically to lower the power consumption
- **Battery Voltage** Indicating the battery voltage is lower than 7.2V.Then the battery have to be changed
- **Weight** 180g(including the battery)
- **Working Current** 10mA
- **Humidity**  $-10^{\circ}\text{C}$ - $50^{\circ}\text{C}$ ,below 80%rh
- **Limit Temperature Error**  $-10^{\circ}\text{C}$ - $0^{\circ}\text{C}$  and  $40^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , within  $2\% \text{rdg}$
- **Humidity Storage**  $-10^{\circ}\text{C}$ - $60^{\circ}\text{C}$ ,below 70%rh
- **Insulating Strength** AC 3700V/rms. (between the alloy of the clamp and the housing)
- **Applicable safety rules** IEC1010-1, IEC1010-2-032, pollution:2, CAT III(600V)
- **Accessories** Meter:1pc; Toolkit:1pc; RS232 communication line;Disk:1pc; Case:1pc  
Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc ; Guarantee Card: 1 pc; Certification: 1 pc.





## MEWOI7200-25mm×30mm,AC/DC 0mA~60A High accuracy Leakage Current Clamp meter

### Main Features :

1. AC/DC Range: 0mA-60A
2. Clamp Size: 25\*30mm
3. RS232 interface
4. Data storage: 99 sets

### Technical Specification

- **Function** Measurement of AC/DC current, leakage current
- **Power Supply** Zn-Mn dry battery,6F22,9V, continuous use for 100h
- **Test Mode** Clip-on CT, noncontact measurement
- **Clamp Size** 25\*30mm
- **Measurement Range** AC/DC 0mA~60A
- **Resolution** 1mA AC/DC
- **Accuracy**  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$  ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 75%rh)
- **Display Mode** Four digits LCD display
- **Dimension** LWH: 168mm×65mm×34mm
- **LCD Dimension** 35mm×21.5mm; display domain: 32mm×15mm
- **Sampling Rate** 2 times/s
- **Frequency** AC: 45Hz-400Hz
- **Polarity Indication** DC current auto identified and display"—"
- **Test Position** Tested wire in the jaw center
- **Range Shift** Automatically
- **Line Voltage** AC600V
- **RS232 Interface** Data stored in the memory of the meter via RS232 upload to PC
- **Com-Configure** Baud rate: 9600, data bit:8, stop bit:1, check bit: NONE
- **Data Memory** 99Sets, FULL blinks when the memory is full
- **Reading Hold** DH indicating the reading is hold
- **Out of Range** OL indicating the current is out of range
- **Auto Power-off** 5 Minutes after power on, it will power off automatically to lower the power consumption
- **Battery Voltage** Indicating the battery voltage is lower than 7.2V.Then the battery have to be changed
- **Weight** 180g(including the battery)
- **Working Current** 10mA
- **Humidity**  $-10^{\circ}\text{C}-50^{\circ}\text{C}$ ,below 80%rh
- **Limit Temperature Error**  $-10^{\circ}\text{C}-0^{\circ}\text{C}$  and  $40^{\circ}\text{C}-50^{\circ}\text{C}$ , within 2%rdg
- **Humidity Storage**  $-10^{\circ}\text{C}-60^{\circ}\text{C}$ ,below 70%rh
- **Insulating Strength** AC 3700V/rms. (between the alloy of the clamp and the housing)
- **Applicable safety rules** IEC1010-1, IEC1010-2-032, pollution:2, CAT III(600V)
- **Accessories** Meter:1pc; Toolkit:1pc; RS232 communication line;Disk:1pc; Case:1pc  
Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc ; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI7300-AC 0.000mA~60.00A High Accuracy AC Clamp Leaker/Leakage Current Clamp Meter

### Main Features :

1. AC leakage measurement, AC current measurement, On-line AC current measurement
2. Clamp Size: 25mm×30mm
3. Range: AC 0.000mA~60.00A
4. RS232 Interface

### Technical Specification

- **Function** Measurement of AC current, leakage current
- **Power Supply** Zn-Mn dry battery, 6F22, 9V, continuous use for 100h
- **Test Mode** Clip-on CT, noncontact measurement
- **Clamp Size** 25\*30mm
- **Measurement Range** AC 0.000mA~60.00A
- **Resolution** 1uA AC
- **Accuracy**  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$  ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 75%rh)
- **Display Mode** Four digits LCD display
- **Dimension** LWH: 168mm×65mm×34mm
- **LCD Dimension** 35mm×21.5mm; display domain: 32mm×15mm
- **Sampling Rate** 2 times/s
- **Frequency** AC: 45Hz-400Hz
- **Polarity Indication** DC current auto identified and display"—"
- **Test Position** Tested wire in the jaw center
- **Range Shift** Automatically
- **Line Voltage** AC600V
- **RS232 Interface** Data stored in the memory of the meter via RS232 upload to PC
- **Com-Configure** Baud rate: 9600, data bit:8, stop bit:1, check bit: NONE
- **Data Memory** 99Sets, FULL blinks when the memory is full
- **Reading Hold** DH indicating the reading is hold
- **Out of Range** OL indicating the current is out of range
- **Auto Power-off** 5 Minutes after power on, it will power off automatically to lower the power consumption
- **Battery Voltage** Indicating the battery voltage is lower than 7.2V. Then the battery have to be changed
- **Weight** 180g(including the battery)
- **Working Current** 10mA
- **Humidity**  $-10^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , below 80%rh
- **Limit Temperature Error**  $-10^{\circ}\text{C}$ - $0^{\circ}\text{C}$  and  $40^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , within  $2\% \text{rdg}$
- **Humidity Storage**  $-10^{\circ}\text{C}$ - $60^{\circ}\text{C}$ , below 70%rh
- **Insulating Strength** AC 3700V/rms. (between the alloy of the clamp and the housing)
- **Applicable safety rules** IEC1010-1, IEC1010-2-032, pollution:2, CAT III(600V)
- **Accessories** Meter:1pc; Toolkit:1pc; RS232 communication line; Disk:1pc; Case:1pc  
Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc ; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI7300E-25mm×30mm,DC 0.0mA~6.00A High Accuracy DC Clamp Leaker

### Main Features :

- 1, Measurement of DC leakage current, DC current, Car leakage
- 2, Clamp Size: 25mm×30mm
- 3, Range: 0.0mA~6.00A DC

### Technical Specification

- **Function** Measurement of DC current, leakage current
- **Power Supply** Zn-Mn dry battery, 6F22, 9V, continuous use for 100h
- **Test Mode** Clip-on CT, noncontact measurement
- **Clamp Size** 25\*30mm
- **Measurement Range** 0.0mA~6.00A DC
- **Resolution** 0.1mA DC
- **Accuracy**  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$  ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 75%rh)
- **Display Mode** Four digits LCD display
- **Dimension** LWH: 168mm×65mm×34mm
- **LCD Dimension** 35mm×21.5mm; display domain: 32mm×15mm
- **Sampling Rate** 2 times/s
- **Frequency** AC: 45Hz-400Hz
- **Polarity Indication** DC current auto identified and display"—"
- **Test Position** Tested wire in the jaw center
- **Range Shift** Automatically
- **Line Voltage** AC600V
- **RS232 Interface** Data stored in the memory of the meter via RS232 upload to PC
- **Com-Configure** Baud rate: 9600, data bit: 8, stop bit: 1, check bit: NONE
- **Data Memory** 99Sets, FULL blinks when the memory is full
- **Reading Hold** DH indicating the reading is hold
- **Out of Range** OL indicating the current is out of range
- **Auto Power-off** 5 Minutes after power on, it will power off automatically to lower the power consumption
- **Battery Voltage** Indicating the battery voltage is lower than 7.2V. Then the battery have to be changed
- **Weight** 180g (including the battery)
- **Working Current** 10mA
- **Humidity**  $-10^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , below 80%rh
- **Limit Temperature Error**  $-10^{\circ}\text{C}$ - $0^{\circ}\text{C}$  and  $40^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , within 2%rdg
- **Humidity Storage**  $-10^{\circ}\text{C}$ - $60^{\circ}\text{C}$ , below 70%rh
- **Insulating Strength** AC 3700V/rms. (between the alloy of the clamp and the housing)
- **Applicable safety rules** IEC1010-1, IEC1010-2-032, pollution: 2, CAT III (600V)
- **Accessories** Meter: 1pc; Toolkit: 1pc; RS232 communication line: 1pc; Disk: 1pc; Case: 1pc  
Battery: 6 pcs (alkaline dry battery: 1.5V AA); User Manual: 1 pc; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI7500-35mm×40mm ,AC 0.00mA~300.0A High Accuracy AC Clamp Leaker

### Main Features :

1. AC leakage measurement, AC current measurement, On-line AC current measurement
2. Clamp Size: 35mm×40mm
3. Range: AC 0.00mA~300.0A

### Technical Specification

- **Function** Measurement of AC current, leakage current
- **Power Supply** Zn-Mn dry battery, 6F22, 9V, continuous use for 100h
- **Test Mode** Clip-on CT, noncontact measurement
- **Clamp Size** 35mm×40mm
- **Measurement Range** AC 0.00mA~300.0A
- **Resolution** 0.01mA AC
- **Accuracy**  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$  ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 75%rh)
- **Display Mode** Four digits LCD display
- **Dimension** LWH: 168mm×65mm×34mm
- **LCD Dimension** 35mm×21.5mm; display domain: 32mm×15mm
- **Sampling Rate** 2 times/s
- **Frequency** AC: 45Hz-400Hz
- **Polarity Indication** DC current auto identified and display"—"
- **Test Position** Tested wire in the jaw center
- **Range Shift** Automatically
- **Line Voltage** AC600V
- **RS232 Interface** Data stored in the memory of the meter via RS232 upload to PC
- **Com-Configure** Baud rate: 9600, data bit: 8, stop bit: 1, check bit: NONE
- **Data Memory** 99Sets, FULL blinks when the memory is full
- **Reading Hold** DH indicating the reading is hold
- **Out of Range** OL indicating the current is out of range
- **Auto Power-off** 5 Minutes after power on, it will power off automatically to lower the power consumption
- **Battery Voltage** Indicating the battery voltage is lower than 7.2V. Then the battery have to be changed
- **Weight** 180g(including the battery)
- **Working Current** 10mA
- **Humidity**  $-10^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , below 80%rh
- **Limit Temperature Error**  $-10^{\circ}\text{C}$ - $0^{\circ}\text{C}$  and  $40^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , within 2%rdg
- **Humidity Storage**  $-10^{\circ}\text{C}$ - $60^{\circ}\text{C}$ , below 70%rh
- **Insulating Strength** AC 3700V/rms. (between the alloy of the clamp and the housing)
- **Applicable safety rules** IEC1010-1, IEC1010-2-032, pollution: 2, CAT III(600V)
- **Accessories** Meter: 1pc; Toolkit: 1pc; RS232 communication line: 1pc; Disk: 1pc; Case: 1pc  
Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc ; Guarantee Card: 1 pc; Certification: 1 pc.





## MEWOI7600-35mm×40mm,AC 0mA~600A High Accuracy AC Clamp Leaker

### Main Features :

1. AC leakage measurement, AC current measurement, On-line AC current measurement
2. Clamp Size :35mm×40mm
3. Range: AC 0mA~600.0A

### Technical Specification

- **Function** Measurement of AC current, leakage current
- **Power Supply** Zn-Mn dry battery,6F22,9V, continuous use for 100h
- **Test Mode** Clip-on CT, noncontact measurement
- **Clamp Size** 35mm×40mm
- **Measurement Range** AC 0mA~600.0A
- **Resolution** 1mA AC
- **Accuracy**  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$  ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 75%rh)
- **Display Mode** Four digits LCD display
- **Dimension** LWH: 168mm×65mm×34mm
- **LCD Dimension** 35mm×21.5mm; display domain: 32mm×15mm
- **Sampling Rate** 2 times/s
- **Frequency** AC: 45Hz-400Hz
- **Polarity Indication** DC current auto identified and display"—"
- **Test Position** Tested wire in the jaw center
- **Range Shift** Automatically
- **Line Voltage** AC600V
- **RS232 Interface** Data stored in the memory of the meter via RS232 upload to PC
- **Com-Configure** Baud rate: 9600, data bit:8, stop bit:1, check bit: NONE
- **Data Memory** 99Sets, FULL blinks when the memory is full
- **Reading Hold** DH indicating the reading is hold
- **Out of Range** OL indicating the current is out of range
- **Auto Power-off** 5 Minutes after power on, it will power off automatically to lower the power consumption
- **Battery Voltage** Indicating the battery voltage is lower than 7.2V.Then the battery have to be changed
- **Weight** 180g(including the battery)
- **Working Current** 10mA
- **Humidity**  $-10^{\circ}\text{C}$ - $50^{\circ}\text{C}$ ,below 80%rh
- **Limit Temperature Error**  $-10^{\circ}\text{C}$ - $0^{\circ}\text{C}$  and  $40^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , within 2%rdg
- **Humidity Storage**  $-10^{\circ}\text{C}$ - $60^{\circ}\text{C}$ ,below 70%rh
- **Insulating Strength** AC 3700V/rms. (between the alloy of the clamp and the housing)
- **Applicable safety rules** IEC1010-1, IEC1010-2-032, pollution:2, CAT III(600V)
- **Accessories** Meter:1pc; Toolkit:1pc; RS232 communication line;Disk:1pc; Case:1pc  
Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc ; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI7800 Size $\Phi 68\text{mm}$ , Range: AC 0.00mA~1200A High Accuracy AC/DC Clamp Leaker

### Main Features :

1. Measurement of AC leakage current, AC current and on-line measurement
2. Size of clamp:  $\Phi 68\text{mm}$
3. Range: 0.00mA~1200A
4. Resolution: 0.01mA

### Technical Specification

- **Function** Measurement of AC current, leakage current
- **Power Supply** Zn-Mn dry battery, 6F22, 9V, continuous use for 100h
- **Test Mode** Clip-on CT, noncontact measurement
- **Clamp Size**  $\Phi 68\text{mm}$
- **Measurement Range** AC 0.00mA~1200A
- **Resolution** 0.01mA AC
- **Accuracy**  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$  ( $23^\circ\text{C} \pm 5^\circ\text{C}$ , below 75%rh)
- **Display Mode** Four digits LCD display
- **Dimension** LWH: 168mm×65mm×34mm
- **LCD Dimension** 35mm×21.5mm; display domain: 32mm×15mm
- **Sampling Rate** 2 times/s
- **Frequency** AC: 45Hz-400Hz
- **Polarity Indication** DC current auto identified and display"—"
- **Test Position** Tested wire in the jaw center
- **Range Shift** Automatically
- **Line Voltage** AC600V
- **RS232 Interface** Data stored in the memory of the meter via RS232 upload to PC
- **Com-Configure** Baud rate: 9600, data bit: 8, stop bit: 1, check bit: NONE
- **Data Memory** 99Sets, FULL blinks when the memory is full
- **Reading Hold** DH indicating the reading is hold
- **Out of Range** OL indicating the current is out of range
- **Auto Power-off** 5 Minutes after power on, it will power off automatically to lower the power consumption
- **Battery Voltage** Indicating the battery voltage is lower than 7.2V. Then the battery have to be changed
- **Weight** 180g (including the battery)
- **Working Current** 10mA
- **Humidity**  $-10^\circ\text{C} \sim 50^\circ\text{C}$ , below 80%rh
- **Limit Temperature Error**  $-10^\circ\text{C} \sim 0^\circ\text{C}$  and  $40^\circ\text{C} \sim 50^\circ\text{C}$ , within 2%rdg
- **Humidity Storage**  $-10^\circ\text{C} \sim 60^\circ\text{C}$ , below 70%rh
- **Insulating Strength** AC 3700V/rms. (between the alloy of the clamp and the housing)
- **Applicable safety rules** IEC1010-1, IEC1010-2-032, pollution: 2, CAT III (600V)
- **Accessories** Meter: 1pc; Toolkit: 1pc; RS232 communication line: 1pc; Disk: 1pc; Case: 1pc  
Battery: 6 pcs (alkaline dry battery: 1.5V AA); User Manual: 1 pc; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI7800E-High Accuracy AC/DC AC 0.0A~1500A ,DC 0.0A~2000A Clamp Current Meter

### Main Features :

1. Measurement of AC leakage current, AC current and on-line measurement
2. Size of clamp:Φ68mm
3. Range: AC 0.0A~1500A ,DC 0.0A~2000A
4. Resolution:0.1A

### Technical Specification

- **Function** Measurement of AC current, leakage current
- **Power Supply** Zn-Mn dry battery,6F22,9V, continuous use for 100h
- **Test Mode** Clip-on CT, noncontact measurement
- **Clamp Size** Φ68mm
- **Measurement Range** AC 0.0A~1500A ,DC 0.0A~2000A
- **Resolution** 0.1A AC/DC
- **Accuracy**  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$  ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 75%rh)
- **Display Mode** Four digits LCD display
- **Dimension** LWH: 168mm×65mm×34mm
- **LCD Dimension** 35mm×21.5mm; display domain: 32mm×15mm
- **Sampling Rate** 2 times/s
- **Frequency** AC: 45Hz-400Hz
- **Polarity Indication** DC current auto identified and display"—"
- **Test Position** Tested wire in the jaw center
- **Range Shift** Automatically
- **Line Voltage** AC600V
- **RS232 Interface** Data stored in the memory of the meter via RS232 upload to PC
- **Com-Configure** Baud rate: 9600, data bit:8, stop bit:1, check bit: NONE
- **Data Memory** 99Sets, FULL blinks when the memory is full
- **Reading Hold** DH indicating the reading is hold
- **Out of Range** OL indicating the current is out of range
- **Auto Power-off** 5 Minutes after power on, it will power off automatically to lower the power consumption
- **Battery Voltage** Indicating the battery voltage is lower than 7.2V.Then the battery have to be changed
- **Weight** 180g(including the battery)
- **Working Current** 10mA
- **Humidity**  $-10^{\circ}\text{C}$ - $50^{\circ}\text{C}$ ,below 80%rh
- **Limit Temperature Error**  $-10^{\circ}\text{C}$ - $0^{\circ}\text{C}$  and  $40^{\circ}\text{C}$ - $50^{\circ}\text{C}$ , within 2%rdg
- **Humidity Storage**  $-10^{\circ}\text{C}$ - $60^{\circ}\text{C}$ ,below 70%rh
- **Insulating Strength** AC 3700V/rms. (between the alloy of the clamp and the housing)
- **Applicable safety rules** IEC1010-1, IEC1010-2-032, pollution:2, CAT III(600V)
- **Accessories** Meter:1pc; Toolkit:1pc; RS232 communication line;Disk:1pc; Case:1pc  
Battery: 6 pcs(alkaline dry battery: 1.5V AA); User Manual: 1 pc ; Guarantee Card: 1 pc; Certification: 1 pc.



## MEWOI9000 Current/Leakage Monitoring Recorder

### Introduction

MEWOI9000 series Current/Leakage Monitoring Recorder is well designed and manufactured for online measurement, monitoring and recording of AC leakage / current. It is composed of a tester, monitoring software, current clamp and communication cable, etc. With the instrument, the users easily find out the cause of insulation fault and circuits with a insulation fault, monitor intermittent electric leakage, find out the time of a insulation fault and repair lines. This instrument has been widely applied in many fields, such as electrical power, telecommunication, meteorology, railway, oil fields, construction, metering, research agencies, universities, mines and enterprises.

The instrument has a large LCD display with blue background and a large storage space. 4200 sets of data can be stored in the instrument. In addition, the instrument can automatically store data at a interval, which is adjustable from 1 to 60 min.

MEWOI9000 leakage/current monitor software provides online and real-time monitoring and historical data inquiry. In addition, the users can read, save historical data or generate and print a fitting curve and report.

The current clamp is made of a special alloy, adopts the latest CT technique and magnetic shielding technique and is not almost interfered by external magnetic field. This ensures high accuracy, high stability and high reliability of the values which are measured continuously.



### Technical Specification

**Functions** Measuring AC leakage current and AC current, monitoring current in real-time manner, locating insulation faults and repairing electrical lines.

**Power source** DC6V, alkaline battery LR03 1.5V×4

**Testing Method** Clamp CT, TRMS

**Range** 0mA-200A

**Resolution** 1mA

**Accuracy** ±2%±5dgt

**Clamp size** 35mm×40mm

**Instrument Dimension** Tester(L×W×H): 75mm ×170mm ×30mm, Current clamp(L×W×H): 122mm ×70mm ×33mm

**Mass** Tester: 410g (battery included), Current clamp: 170g

**LCD Dimension** Display field: 44mm×27mm

**Shield Type** Type B: Double shielding

**Sampling Rate** 2 samples/s

**Data storage** 4200 sets (data loss does not occur after power failure or replacing the battery)

**Time Setting** Recording internal adjustable from 1 to 60 min, If set to 0 min, the auto-store function is turned off

**Recording Time** Continuously operate for about 10 days at the power-saving mode

**Line Voltage** Line with a voltage up to AC600V

**Overflow Display** The "OL" symbol is displayed when a measured value is beyond the measurement range

**Battery. Voltage** A Low-Battery symbol is displayed and the user should replace the battery with a new one when the battery voltage drops to 4.6V to 4.8V. In this case, the measured values are still accurate.

**Rated Power** about 5mA at the power-saving mode, maximum current consumption: 20mA

**Lead Length** 2 m

**Temperature and Humidity** Working: -20℃～50℃; below 80%rh Storage: -20℃～50℃; below 70%rh

**Insulation Resistance** Higher than 100MΩ, 1000V

**Safety Codes** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)

**Accessories** Tester: 1 PCS, Current clamp: 1 PCS, Instrument bag: 1 PCS, RS232 Com-cable:1 PCS; Software Disk: 1 PCS



## MEWOI9000C Current/Leakage Monitoring Recorder

### Introduction

MEWOI9000C series Current/Leakage Monitoring Recorder is well designed and manufactured for online measurement, monitoring and recording of AC leakage / current. It is composed of a tester, monitoring software, current clamp and communication cable, etc. With the instrument, the users easily find out the cause of insulation fault and circuits with a insulation fault, monitor intermittent electric leakage, find out the time of a insulation fault and repair lines. This instrument has been widely applied in many fields, such as electrical power, telecommunication, meteorology, railway, oil fields, construction, metering, research agencies, universities, mines and enterprises.

The instrument has a large LCD display with blue background and a large storage space. 4200 sets of data can be stored in the instrument. In addition, the instrument can automatically store data at a interval, which is adjustable from 1 to 60 min.

MEWOI9000C leakage/current monitor software provides online and real-time monitoring and historical data inquiry. In addition, the users can read, save historical data or generate and print a fitting curve and report.

The current clamp is made of a special alloy, adopts the latest CT technique and magnetic shielding technique and is not almost interfered by external magnetic field. This ensures high accuracy, high stability and high reliability of the values which are measured continuously.



### Technical Specification

**Functions** Measuring AC leakage current and AC current, monitoring current in real-time manner, locating insulation faults and repairing electrical lines.

**Power source** DC6V, alkaline battery LR03 1.5V×4

**Testing Method** Clamp CT, TRMS

**Range** 0.00mA-20A

**Resolution** 0.01mA

**Accuracy** ±2%±5dgt

**Clamp size** 25mm×30mm

**Instrument Dimension** Tester(L×W×H): 75mm ×170mm ×30mm, Current clamp(L×W×H): 122mm ×70mm ×33mm

**Mass** Tester: 410g (battery included), Current clamp: 170g

**LCD Dimension** Display field: 44mm×27mm

**Shield Type** Type B: Double shielding

**Sampling Rate** 2 samples/s

**Data storage** 4200 sets (data loss does not occur after power failure or replacing the battery)

**Time Setting** Recording internal adjustable from 1 to 60 min, If set to 0 min, the auto-store function is turned off

**Recording Time** Continuously operate for about 10 days at the power-saving mode

**Line Voltage** Line with a voltage up to AC600V

**Overflow Display** The "OL" symbol is displayed when a measured value is beyond the measurement range

**Battery. Voltage** A Low-Battery symbol is displayed and the user should replace the battery with a new one when the battery voltage drops to 4.6V to 4.8V. In this case, the measured values are still accurate.

**Rated Power** about 5mA at the power-saving mode, maximum current consumption: 20mA

**Lead Length** 2 m

**Temperature and Humidity** Working: -20℃～50℃; below 80%rh Storage: -20℃～50℃; below 70%rh

**Insulation Resistance** Higher than 100MΩ, 1000V

**Safety Codes** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)

**Accessories** Tester: 1 PCS, Current clamp: 1 PCS, Instrument bag: 1 PCS, RS232 Com-cable:1 PCS; Software Disk: 1 PCS

## MEWOI9300 Three-Channel Leakage/Current Monitoring Recorder

### I . Introduction

MEWOI9300 series Three-Channel Current/Leakage Monitoring Recorder is well designed and manufactured for online measurement, monitoring and recording of Three-Channel AC leakage / current at the same time. It is composed of a tester, monitoring software, current clamp and communication cable, etc. This instrument has been widely applied the 380/220 Power system. It can provide a safety and convenience measurement with accurate results.

The instrument has a large LCD display with blue background and a large storage space. 3900 sets of data can be stored in the instrument. Three- channel current value can be display on the screen. In addition, the instrument can automatically store data at a interval, which is adjustable from 1 to 99 min.

Monitoring software provides online and real-time monitoring and historical data inquiry. With the software developed by our technical department, the users can read, inquire, store, generate and print a fitting curve and report.

The current clamp is made of a special alloy, adopts the latest CT technique and magnetic shielding technique and is not almost interfered by external magnetic field. This ensures high accuracy, high stability and high reliability of the values which are measured continuously



### II . Technical Specification

**Functions** Measuring AC leakage current and AC current of three channel, monitoring current in real-time manner, locating insulation faults and repairing electrical lines.

**Power source** DC6V, alkaline battery LR03 1.5V×4

**Testing Method** Split core type CT, true RMS

**Range** 0mA-200A

**Resolution** 1mA

**Accuracy** ±2%±5dgt

**Clamp size** 35mm×40mm

**Instrument Dimension** Tester(L×W×H): 75mm ×170mm ×30mm Current clamp(L×W×H): 122mm ×70mm ×33mm

**Mass Tester:** 750g (battery included)

**Current clamp:** 170g × 3 PCS

**LCD Dimension**

**Display field:** 44mm×27mm

**Shield Type** Type B: Double shielding

**Sampling Rate** 2 samples/s

**Data storage** 3900 sets (data loss does not occur after power failure or replacing the battery)

**Time Setting** Recording internal adjustable from 1 to 60 min, If set to 0 min, the auto-store function is turned off

**Recording Time** Continuously operate for about 10 days at the power-saving mode

**Line Voltage** Line with a voltage up to AC600V

**Overflow Display** The "OL" symbol is displayed when a measured value is beyond the measurement range

**Battery Voltage** A Low-Battery symbol is displayed and the user should replace the battery with a new one when the battery voltage drops to 4.6V to 4.8V. In this case, the measured values are still accurate.

**Rated Power** about 5mA at the power-saving mode, maximum current consumption: 20mA

**Lead Length** 2 m

**Temperature and Humidity** Working: -20℃～50℃; below 80%rh Storage: -20℃～50℃; below 70%rh

**Insulation Resistance** Higher than 100MΩ, 1000V

**Safety Codes** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)

**Accessories** Tester: 1 PCS, Current clamp: 3PCS, Instrument bag: 1 PCS, RS232 Com-cable:1 PCS; Software Disk: 1 PCS

## MEWOI9300C Three-Channel Leakage/Current Monitoring Recorder

### I . Introduction

MEWOI9300C Series Three-Channel Current/Leakage Monitoring Recorder is well designed and manufactured for online measurement, monitoring and recording of Three-Channel AC leakage / current at the same time. It is composed of a tester, monitoring software, current clamp and communication cable, etc. This instrument has been widely applied the 380/220 Power system. It can provide a safety and convenience measurement with accurate results.

The instrument has a large LCD display with blue background and a large storage space. 3900 sets of data can be stored in the instrument. Three- channel current value can be display on the screen. In addition, the instrument can automatically store data at a interval, which is adjustable from 1 to 99 min.

Monitoring software provides online and real-time monitoring and historical data inquiry. With the software developed by our technical department, the users can read, inquire, store, generate and print a fitting curve and report.

The current clamp is made of a special alloy, adopts the latest CT technique and magnetic shielding technique and is not almost interfered by external magnetic field. This ensures high accuracy, high stability and high reliability of the values which are measured continuously.



### II . Technical Specification

**Functions** Measuring AC leakage current and AC current of three channel, monitoring current in real-time manner, locating insulation faults and repairing electrical lines.

**Power source** DC6V, alkaline battery LR03 1.5V×4

**Testing Method** Split core type CT, true RMS

**Range** 0.01mA-20A

**Resolution** 0.01mA

**Accuracy** ±2%±5dgt

**Clamp size** 25mm×30mm

**Instrument Dimension** Tester(L×W×H): 75mm ×170mm ×30mm Current clamp(L×W×H): 122mm ×70mm ×33mm

**Mass Tester:** 750g (battery included)

**Current clamp:** 170g × 3 PCS

**LCD Dimension**

**Display field:** 44mm×27mm

**Shield Type** Type B: Double shielding

**Sampling Rate** 2 samples/s

**Data storage** 3900 sets (data loss does not occur after power failure or replacing the battery)

**Time Setting** Recording internal adjustable from 1 to 60 min, If set to 0 min, the auto-store function is turned off

**Recording Time** Continuously operate for about 10 days at the power-saving mode

**Line Voltage** Line with a voltage up to AC600V

**Overflow Display** The "OL" symbol is displayed when a measured value is beyond the measurement range

**Battery Voltage** A Low-Battery symbol is displayed and the user should replace the battery with a new one when the battery voltage drops to 4.6V to 4.8V. In this case, the measured values are still accurate.

**Rated Power** about 5mA at the power-saving mode, maximum current consumption: 20mA

**Lead Length** 2 m

**Temperature and Humidity** Working: -20℃～50℃; below 80%rh Storage: -20℃～50℃; below 70%rh

**Insulation Resistance** Higher than 100MΩ, 1000V

**Safety Codes** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)

**Accessories** Tester: 1 PCS, Current clamp: 3PCS, Instrument bag: 1 PCS, RS232 Com-cable:1 PCS; Software Disk: 1 PCS

## MEWOI9500 Wireless Multi-Channel Current Monitor

### Introduction

MEWOI9500 multi-channel wireless clamp current monitor is designed for on-line monitoring AC current, leakage current. Using wireless multi-channel to transmission the data while recording 1~8 channel data, it is convenient, fast, and accuracy. Widely used in electric power, telecommunications, meteorology, railways, oil, construction, measurement, research and teaching unit, the mining industry and other fields.

Host built-in wireless transmitter module, LCD display 1 to 8 data with the screen at a glance. With system clock function and large storage space, can live monitoring and recording time is set, you can store data 3000 group, with automatic storage interval time setting function, set from 1 to 120 minutes.

Current Clamp built-in wireless receiver module, made of special alloys, using the latest CT technology and double magnetic shielding technology, Users can according to the cable, or Busbar thickness to choose the different optional current clamp.

Monitoring software with online real-time monitoring and historical data read, access, preservation, report printing and other functions.






### Technical Specification

**Function:** 8 Channel AC Current, Leakage Current, Load Wireless Monitoring

**Power:** Host: DC6V Alkaline Battery: LR6 1.5V×4; Current Clamp: Zn-Mn dry battery: 6F22 9V(External power supply)

**Channel NO.:** 8 Channel simultaneity monitoring (can be adjusted according to customer needs)

**Wireless Transfer Distance:** 80m

	Clamp Model	Clamp Picture	Range	Resolution	Clamp Size
Clamp Model Option	130T		0.000mA ~60.00A	1Ua	25mm×30mm
	140T		0.00mA ~ 300.0A	0.01mA	35mm×40mm
	168T		0.00mA ~ 1200A	0.01mA	φ 68mm

**Measurement accuracy(23℃±3℃,70%RH):** 0.00~59.9A: 1.5%±5dgt,60.0A-299A: 2.0%±5dgt,300A-599A: 3.0%±5dgt, 600A-1200A: 4.0%±5dgt

**Testing methods** Clamp CT, TRMS **Current Frequency** 50Hz/60Hz automatic recognition

**Shift** Automatic shifting **Display Mode** LCD: 128dots×64dots

**Dimension:** Host: 170mm×75mm×30mm, 130T: 175mm×70mm×38mm, 140T: 180mm×70mm×38mm, 168T: 224mm×115mm×43mm

**Weight:** Host: 240g; 130T: 120g; 140T: 140g; 168T: 515g (All include battery) **LCD Dimension:** Display domain: 44mm×27mm

**Shield Property :** Current clamp with double shielding technology, strong anti-jamming capability

**line voltage transformer:** Below AC600V **Sampling rate:** About 2 times / sec.

**Data storage:** 3000sets (Power-down or replace the battery without losing data) **Communication frequency :** 433MHz±100KHz Wireless transfers

**RS232 Interface:** Data storage, up-load **Communication cable length:** 1.5m

**Time Setting:** 1 to 120 minutes set the logging interval, 0 minutes is not automatically stored

**Time record:** Under the power-saving mode continuously work for about 10 days **Overflow Display:** display "OL"

**Batteries resistance:** When the battery voltage to 4.6 V ~ 4.8 V, will show the low battery voltage symbol, and remind replacement battery, the measurement data is also accurate.

**Rated Power:** Under saving model about 5mA, Max 20mA

**Working temperature:** -20℃ ~ 50℃; below 80%rh

**Insulation and pressure** More than 100MΩ, AC2kV/rms (between the exposed metal and the shell)

**Safety rules:** IEC1010-1, IEC1010-2-032, pollution 2, CAT III(600V) IEC61326(EMC)

**Accessories:** Host:1pcs; Clamp:1~8pcs; RS232 Cable; software(CD):1pcs; bags:1pcs



## MEWOI9000G Flexible Coil Leakage Current Monitoring Recorder/Logger

### Main Features :

1. Measuring scope: AC 0.00A~20KA(50/60Hz)
2. Accuracy: AC 0.01A
3. Clamp mouth:  $\Phi 300\text{mm}$
4. LCD display, Data Storage:4200sets
5. Data upload: RS232 interface6.Working Time:100hours



### Technical Specification

- **Functions** Field-line testing, monitoring, recording AC leakage current and Large current
- **Power source** DC6V, alkaline battery LR06 1.5V×4
- **Testing Method** By integrating the output voltage signal , you can restore the real input current
- **Inner diameter** ( $\varphi 300\text{mm}$ (Optional, Can be customized))
- **Range** 0.00A-20.000KA
- **Resolution** 10mA
- **Accuracy**  $\pm 2\% \pm 3\text{dgt}$ (cable in the center of the coil,  $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ )
- **Coil Length** 1000mm ((Can be customized))
- **Current Frequency** 50Hz~60Hz(The measured current frequency. Automatic Identification)
- **LCD Display** LCD: 128dots×64dots
- **LCD Size** 44mm×27mm
- **Host Dimension** W\*L\*H75mm×170mm×30mm
- **Diameter**  $\varphi 7.5\text{mm}$  (Suitable for narrow cable-intensive sites)
- **Weight** Host (240g),Flexible Coil(150g)
- **Electric field interference** no magnetic saturation, high linearity, strong anti-interference ability
- **Position error** cable in the center of the coil, don't put the cable at the split area, error doubles or more at the split area
- **Sampling Rate** 2 samples/s
- **Data storage** 4200 sets (data loss does not occur after power failure or replacing the battery)
- **Time Setting** Recording internal adjustable from 1 to 60 min, If set to 0 min, the auto-store function is turned off
- **Recording Time** Continuously operate for about 100hours at the power-saving mode
- **Line Voltage** Line with a voltage up to AC600V
- **Overflow Display** The "OL" symbol is displayed when a measured value is beyond the measurement range
- **Battery. Voltage** A Low-Battery symbol is displayed and the user should replace the battery with a new one when the battery voltage drops
  - to 4.6V to 4.8V. In this case, the measured values are still accurate.
- **Rated Power** about 5mA at the power-saving mode, maximum current consumption: 20mA
- **Lead Length** 2m
- **Temperature and Humidity** Working:  $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ; below 80%rh
- **Storage:**  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ ; below 70%rh
- **Insulation Resistance** Higher than  $100\text{M}\Omega$ , 1000V
- **Safety Codes** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Host: 1 PCS, Flexible Coil: 1 PCS, Instrument bag: 1 PCS, RS232 Com-cable:1 PCS; Software Disk: 1 PCS,Batteries:LR06: 4pcs

## MEWOI9000GB Flexible Coil Leakage Current Monitoring Recorder/Logger

### Main Features :

1. Measuring scope: AC 0.00A~6000A(50/60Hz)
2. Accuracy: AC 0.01A
3. Clamp mouth:  $\Phi$ 200mm
4. LCD display:44mm×27mm, Data Storage:4200sets
5. Data upload: RS232 interface6.Working Time:100hours

### Technical Specification

- **Functions** Field-line testing, monitoring, recording AC leakage current and Large current
- **Power source** DC6V, alkaline battery LR06 1.5V×4
- **Testing Method** By integrating the output voltage signal , you can restore the real input current
- **Inner diameter** ( $\phi$ 200mm(Optional, Can be customized))
- **Range** 0.00A-6000A
- **Resolution** 10mA
- **Accuracy**  $\pm 2\% \pm 3\text{dgt}$ (cable in the center of the coil,  $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ )
- **Coil Length** 630mm ((Can be customized))
- **Current Frequency** 50Hz~60Hz(The measured current frequency, Automatic Identification)
- **LCD Display** LCD: 128dots×64dots
- **LCD Size** 44mm×27mm
- **Host Dimension** W\*L\*H75mm×170mm×30mm
- **Diameter**  $\phi$ 7.5mm (Suitable for narrow cable-intensive sites)
- **Weight** Host (240g),Flexible Coil(150g)
- **Electric field interference** no magnetic saturation, high linearity, strong anti-interference ability
- **Position error** cable in the center of the coil, don't put the cable at the split area, error doubles or more at the split area
- **Sampling Rate** 2 samples/s
- **Data storage** 4200 sets (data loss does not occur after power failure or replacing the battery)
- **Time Setting** Recording internal adjustable from 1 to 60 min, If set to 0 min, the auto-store function is turned off
- **Recording Time** Continuously operate for about 100hours at the power-saving mode
- **Line Voltage** Line with a voltage up to AC600V
- **Overflow Display** The "OL" symbol is displayed when a measured value is beyond the measurement range
- **Battery. Voltage** A Low-Battery symbol is displayed and the user should replace the battery with a new one when the battery voltage drops
  - to 4.6V to 4.8V. In this case, the measured values are still accurate.
- **Rated Power** about 5mA at the power-saving mode, maximum current consumption: 20mA
- **Lead Length** 2m
- **Temperature and Humidity** Working:  $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ; below 80%rh
- **Storage:**  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ ; below 70%rh
- **Insulation Resistance** Higher than 100M $\Omega$ , 1000V
- **Safety Codes** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Host: 1 PCS, Flexible Coil: 1 PCS, Instrument bag: 1 PCS, RS232 Com-cable:1 PCS; Software Disk: 1 PCS,Batteries:LR06: 4pcs



## MEWOI6000-Power Quality Analyzer

### Main Features :

**MEWOI6000** power quality analyzer is a product carefully developed by our company and specially designed for field test of three phases, multi-functional and intelligent, man-machine operation and concise and comprehensive test instrument. It is easy to use, large LCD screen display, high resolution, interface in both Chinese and English, shock-proof shell structure and so on. Can simultaneously measure the 4-channel current (ABC three phase and neutral wire current), 4-channel voltage (ABC three-phase voltage and neutral line voltage to ground), the peak value of current voltage, maximum/minimum value over a period, three-phase imbalance factor, short-time voltage flicker, transformer K factor, active power, reactive power, apparent power, power factor and displacement power factor, active power, reactive power, apparent power, total harmonic distortion and harmonic, etc; Display real-time waveform, harmonic ratio bar charts of current voltage; Dynamically capture instantaneous change of voltage current, monitoring starting current, monitoring the power parameters and generate the alarm list, generate the trend chart for a long time record test data.

**MEWOI6000** power quality analyzer adopt DSP + ARM double processor architecture, DSP is use for data collection and the processing of algorithm, the ARM is use for the communication protocol and the man-machine interface processing; Analog signal acquisition is by 2 pieces AD7655 of ADI company. Resolution for AD7655 is 16 bit and it is 4 channel synchronous sampling. The highest sampling rate can reach 1 MSPS, to ensure the accuracy of the channel and the information integrity, and wouldn't miss any transient changes in the grid, can more accurate to detect the transient waveform rising and dropping drastically, and waveform instantaneous interrupt; DSP working frequency is over 200 MHZ, to be able to timely monitoring of the power grid and dynamically adjust the sampling frequency to realize synchronization of power frequency and sampling frequency; Using a 5.6-inch LCD color screen display, a resolution of 640 dots x 480 dots, with different display color difference between the parameters of phase, waveform, vector diagram, harmonic ratio, the user can be more efficient and more intuitive understand the state of power grid parameters. Built-in flash memory can store 60 group of screenshots at the same time, 150 groups of capture transient voltage/current waveform figure, and 12800 groups of alarm list. Starting current detection model can continuously capture starting current waveform for 100 s. Built-in 2G memory card to store the trend curve record, store all the parameters (including 50 harmonics with 123 power parameters), collect data for once every five seconds, trend curve records can be stored for 300 days.



### Technical Specification:

- **Power supply** Rechargeable lithium-ion battery pack 9.6V, 4500mAH , backup charger
- **Battery indicator** Battery symbol shows dump energy, When the voltage is too low, automatic shutdown after the 1 minute
- **Power consumption** Current consumption of normal test 490mA, continuous working for 8 hours
  - Close the LCD low-power monitoring mode 170mA, battery continuous working for 20hours
- **Display mode** LCD color screen, 640 dots x 480 dots, 5.6 inches, display demo: 116mm x 88mm
- **Instrument dimensions** L x W x T: 240mm x 170mm x 68 mm
- **Size of clamp** 008B current clamp: 7.5mm x 13mm; 040B current clamp: 35mm x 40mm; 068B current clamp: 68mm x 68mm
- **Number of channels** 4U/4I
- **Line voltage** 1.0V ~ 2000V
- **Phase voltage** 1.0V ~ 1000V
- **Current** **MEWOI108C** current clamp 10mA ~ 10.0A; **MEWOI140** current clamp 0.10A ~ 100A; **MEWOI168C** current clamp 1.0A ~ 1000A; **Flexible Coil**: 10A ~ 3000A
  - Optional Current Clamp, input current 1mA ~ 500mA
- **Frequency** 40Hz ~ 70Hz
- **Parameters of electricity** W, VA, var, PF, DPF, cos  $\phi$ , tan  $\phi$



- **power parameter** Wh, varh, Vah
- **Harmonic** 0~50times
- **Total harmonic distortion** 0~50 times, each phase
- **Model** Waveform model, harmonic model, Power and power energy mode, Waveform capture mode, Trend chart pattern, alarm mode , Screen mode
- **Set number of Transient record** 150sets
- **Recode** 300 days(recode 20 sets parameter at the same time, recode one point in 5 seconds)
  
- **Min/Max records** Can be measured maximum minimum value over a period of time
- **Warning** 40 different types of parameter selection,12800set warning record
- **Phasor diagram display** Automatically
- **Capacity of screenshots** 60
- **Language of manual** Chinese and English
- **Communication** USB
- **Automatically shut down** At alarm/trend chart records/transient capture mode (pending or ongoing), 5 minutes without keystrokes, monitoring instruments automatically into low power mode, press any key to activate.
  - In other test mode, 15 minutes without keystrokes, prompt automatic shutdown after 1 minute
- **Quality of the instrument** 6Kg(with package)
- **length of test line** Current clamp cable:2M; Voltage Cable: 3M
- **Working temperature** -10℃~40℃; below 80%Rh
- **Working humidity** -10℃~60℃; below 80%Rh
- **Input impedance** Input impedance for the test voltage:1MΩ
- **Withstand voltage** Can withstand 3700V / 50Hz sinusoidal ac voltage for 1 minute between Instrument wiring and the shell
- **Insulation** Between instrument wiring and shell $\geq 10\text{M}\Omega$
- **Structure** Double insulation, vibration-proof jacket with insulation
- **Safety rules** IEC 61010 1000V Cat III / 600V CAT IV,IEC61010-031,IEC61326,pollusion 2
- **Accessories** Host:1pcs; Case:1pcs; Current Clamp: 008B,040B,068B 4PCS(3\*4=12PCS); Cable:5pcs(yellow, green, red, blue, black ); Alligator clip 5pcs; Pin 5pcs; Charger 1pcs; Software 1pcs; 2Gmemory card(in host) 1pcs.



## MEWOI400-AC 0 ~ 6000A Wireless H/L High Voltage Hook Type

### Current Tester/Meter

**MEWOI400** wireless high-low voltage hook ampere meter consists of large-aperture hook instrument, wireless receiver and extensible insulation rod. The iron core of hook instrument is made by new materials: portable, high-precision, wide measurement range and good linearity. When the instrument is connected to extensible insulation rod, it can test the leakage current, current, frequency and load of bare conductor or bus rod under 35kV, or cable with safe insulation sheath under 110kV. Besides, it is especially suitable for electricity leakage patrol inspection and transformer load detection of downhole and outdoor multi-conductor thick cable. The straight wireless data reception distance is 150m, and the current measurement can be selected between AC 0~6000A and 0~20000A, the maximum outer diameter of conductor or cable which it can measure is 168mm, and the maximum size of the busbar which it can measure is 168mm×245mm.

Hook instrument can be hung onto the line to carry out tests, which saves the physical efforts of operators. The receiver adopts 3.5-inch True Color LCD, which provides intuitive and clear image interface display. The insulation rod is portable and characteristic of moisture resistance, high-temperature resistance, impact resistance, high insulation and extensibility. In addition, the instrument can maintain and store the data. Thus, it is widely applied in current detection and outdoor electrician operations in substations, power generation plants, and industrial and mining enterprises, detection stations and electrician repair departments.



- **Function** High-low voltage AC leakage current, current and frequency test; iron core grounding current and transformer load test; electricity leakage patrol inspection of downhole and outdoor multi-conductor thick cable
- **Power Supply** DC 3.7V chargeable lithium battery, USB charging portal, working continuously for 10h
- **Test Mode** Hook CT, which can be hung onto the line for testing **Transmission** 433MHz wireless transmission
- **Transmission distance** Straight transmission distance about 150m
- **Display Mode** 3.5-inch True Color LCD display, press upper and lower arrow button to adjust the backlight luminance
- **Tested line diameter** Φ168mm Conductor or cable, or 168mm×245mm bus bar
- **Measurement range** Current: AC 0~6000A or AC 0~20.0kA (50/60Hz automatic), Frequency: 45Hz~75Hz
- **Resolution** 10mA; 0.1Hz **Current Accuracy** (23℃±5℃, below 80%RH) 0.00A~99.9A: ±2%±5dgt, 100A~6000A: ±3%±5dgt
- **Frequency Accuracy** ±1Hz **Gear shift** Automatic gear shifting
- **Size of insulation rod** About 5m long after extended; about 1m long after drawn back (5 nodes) **Data storage** 9999 sets
- **Sampling Rate** 2 times/s **Instrument size** Receiver: length width thickness 250mm×100mm×40mm
- **Line voltage** Test bare conductor under 35kV, cable with safe insulation sheath under 110kV (operate with insulation rod)
- **Data maintenance** Press HOLD button under testing mode to maintain the data, and then press HOLD button again to cancel the maintenance
- **Exit function** Press ESC button to exit from current interface and return to the upper directory
- **Position error** No position error in Area A; about 0.2% increase in Area B; about 2% increase in Area C
- **Data reference** After entering data reference mode, press arrow button to refer to all the stored data
- **Overflow display** Current measurement range overflow function: displayed by "OL" symbol
- **No-signal indicator** When the receiver does not receive the transmission signal, it dynamically displays "----" symbol
- **Automatic shutdown** About 15mins after startup, the instrument will be automatically shut down to reduce battery consumption
- **Battery voltage** When the battery voltage is lower than 3.2V, the low battery voltage symbol will be displayed to promote charging the battery
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Weight** Hook Tester:496g(including batteries), Receiver:395g(Including batteries), Insulation Rods:1.45KG **Total weight:** 11.5kg(including instrument box)
- **Working Temperature and Humidity** -10℃~40℃; below 80%Rh **Storage Temperature and Humidity** -10℃~60℃; below 70%R **Interference** No interference from other 433MHz signals
- **Insulation intensity** Receiver: 2000V/rms(before the front and back end of outer shell) **Structure** Anti-dripping Type II
- **Accessories** Hook Instrument:1set, Receiver:1set, Antenna:2pcs, Extensible insulation Rods:1pc, Instrument Box:1set, USB Charging Portal, USB Charging cable, Lithium battery:2 inside batteries, User Manual:1set

## MEWOI400B- Wireless H/L Hook Type Current Meter

### Main Features :

**MEWOI400B** wireless high-low voltage hook ampere meter consists of large-aperture hook instrument, wireless receiver and extensible insulation rod. The iron core of hook instrument is made by new materials: portable, high-precision, wide measurement range and good linearity. When the instrument is connected to extensible insulation rod, it can test the leakage current, current, frequency and load of bare conductor or bus rod under 35kV, or cable with safe insulation sheath under 110kV. Besides, it is especially suitable for electricity leakage patrol inspection and transformer load detection of downhole and outdoor multi-conductor thick cable. The straight wireless data reception distance is 150m, and the current measurement can be selected between AC 0~6000A and 0~20000A, the maximum outer diameter of conductor or cable which it can measure is 168mm, and the maximum size of the busbar which it can measure is 168mm×245mm.

Hook instrument can be hanged onto the line to carry out tests, which saves the physical efforts of operators. The receiver adopts 3.5-inch True Color LCD, which provides intuitive and clear image interface display. The insulation rod is portable and characteristic of moisture resistance, high-temperature resistance, impact resistance, high insulation and extensibility. In addition, the instrument can maintain and store the data. Thus, it is widely applied in current detection and outdoor electrician operations in substations, power generation plants, and industrial and mining enterprises, detection stations and electrician repair departments.



### Technical Specification:

- **Function** High-low voltage AC leakage current, current and frequency test; iron core grounding current and transformer load test; electricity leakage patrol inspection of downhole and outdoor multi-conductor thick cable
- **Power Supply** DC 3.7V chargeable lithium battery, USB charging portal, working continuously for 10h
- **Test Mode** Hook CT, which can be hanged onto the line for testing
- **Display Mode** 3.5-inch True Color LCD display, press upper and lower arrow button to adjust the backlight luminance
- **Transmission Mode** 433MHz Wireless transmission, the maximum distance of straight transmission is about 150m
- **Clamp Dimension** Φ168mm Conductor or cable, or 168mm×245mm bus bar
- **Measurement range** Current: AC 0~6000A or AC 0~20.0kA (50/60Hz automatic), Frequency: 45Hz~75Hz
- **Resolution** 10mA; 0.1Hz
- **Current Accuracy (23℃±5℃, below 80%RH)** 0.00A~99.9A: ±2%±5dgt, 100A~6000A: ±3%±5dgt, 6.00kA~20.0kA: ±4%±5dgt
- **Frequency Accuracy** ±1Hz **Gear shift** Automatic gear shifting
- **Size of insulation rod** About 5m long after extended; about 1m long after drawn back (5 nodes)
- **Data storage** 9999 sets **Sampling Rate** 2 times/s
- **Meter Dimension** Hook instrument: length width thickness 310mm×270mm×52mm, Receiver: length width thickness 250mm×100mm×40mm
- **Line voltage** Test bare conductor under 35kV, cable with safe insulation sheath under 110kV (operate with insulation rod)
- **Data maintenance** Press HOLD button under testing mode to maintain the data, and then press HOLD button again to cancel the maintenance
- **Exit** Press ESC button to exit from current interface and return to the upper directory
- **Position error** No position error in Area A; about 0.2% increase in Area B; about 2% increase in Area C
- **Data reference** After entering data reference mode, press arrow button to refer to all the stored data
- **Overflow display** Current measurement range overflow function: displayed by "OL" symbol
- **No-signal indicator** When the receiver does not receive the transmission signal, it dynamically displays "----" symbol
- **Automatic shutdown** About 15mins after startup, the instrument will be automatically shut down to reduce battery consumption
- **Battery voltage** When the battery voltage is lower than 3.2V, the low battery voltage symbol will be displayed to promote charging the battery
- **Weight** Hook instrument: 496g(including battery), Receiver: 395g(including battery), Insulation rod: 1.45kg, Total weight: 11.5kg(including instrument box)
- **Working humidity and temperature** -10℃~40℃; below 80%Rh **Storage humidity and temperature** -10℃~60℃; below 70%R
- **Interference** No interference from other 433MHz signals **Insulation intensity** Insulation rod: AC 110kV/rms(between both ends after 5 nodes of insulation rod are totally extended), Hook instrument: 2000V/rms(between the connector of insulation rod and the top end of hook instrument), Receiver: 2000V/rms(before the front and back end of outer shell) **Structure** Anti-dripping Type II

## MEWOI1000-AC 0.0mA-1200A $\phi$ 48mm H/L 60KV Voltage Clamp Meter

### Main Features :

MEWOI1000 H/L Voltage Clamp Meter has unique features of automatic plug function, specially designed and manufactured for high voltage current measurement; use the latest CT technology and integrated mask digital technology; composed of special high voltage detector, wireless receiver and high voltage insulation rods. Wireless transmission can receive the measured data by penetrating storey building barriers or 300 meters. If not use insulated rods, it can also used as high-precision low-voltage clamp meter and leakage current meter, can accurately measure the 0.0mA ~1200A current or leakage current.

The integrated design of clamp and lead zone of MEWOI1000 H/L Voltage Clamp Meter ensures uninterrupted year-round high precision, high reliability and high stability test.

The connection rods of MEWOI1000 wireless high and low voltage clamp ammeter can be applied in high voltage line current measurement and online current measure below 60KV, also with the functions of peak value maintaining, data maintaining, data memory, etc. The special clamp ammeter can facilitate clamp to exit the tested lead by pressing or pulling back insulation bar, which is time efficient and convenient; widely used in power plant, substation, industrial and mining enterprise, inspection station, electrician maintenance department for current sensing and field working. It can also be used as high and low voltage changing ratio tester, that is, respectively test the first loop and secondary loop high and low voltage current, and then obtain the voltage change through manually calculation. Insulation rod has the characteristics of moisture resistance, high temperature resistance, impact resistance, bending resistance, high insulation and scalability, etc.



### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** DC6V alkaline dry battery (1.5V AAA×4)
- **Test Mode** Clamp CT, integral approach
- **Display Mode** 4 bit LCD display, with backlight function
- **LCD Dimension** 47mm×28.5mm **Clamp Dimension**  $\phi$ 48mm
- **Meter Dimension** Width, height, thickness: 76mm×255mm×31mm **Sampling Rate** 2 times/second
- **Measurement Scope** 0.0mA~1200A (50/60Hz automatic) **Resolution** 0.1mA
- **Shift** 0.0mA~1200A automatic shift
- **Accuracy** (23℃±5℃, below 70%RH), 0.0mA~299mA: ±1%±3dgt, 0.30A~9.99A: ±1.5%±5dgt, 10.0A~199.9A: ±2%±5dgt  
 ■ 200A~399A: ±2.5%±5dgt, 400A~600A: ±3%±5dgt, 601A~1200A: ±4%±5dgt
- **Line Voltage** Below 60KV line test (with 5 insulation rods operation, Bare wire 35KV)
- **Data Memory** 99 sets, memory process is shown by MEM, full storage is shown by blinking "FULL"
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK,  
 ■ that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by "HOLD"
- **Data Access** "MR" indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in "OL A"
- **Automatic Shutdown** 15 minutes after boot
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Detector: 335g (with battery), the total mass of meter: 2260g (including insulation rod and battery)
- **Working Temperature and Humidity** -25℃~40℃; below 80%Rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%Rh
- **Insulation Rod Dimension**  $\phi$ 32mm, 1m/piece (5pieces)
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)
- **Structure** Anti-drip type II
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp Meter : 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 4 pieces

## MEWOI1000C-AC 0.0mA-1200A $\phi$ 48mm H/L 60KV Voltage Clamp Meter(wireless)

### Main Features :

**MEWOI1000C** H/L Voltage Clamp Meter has unique features of automatic plug function, specially designed and manufactured for high voltage current measurement; use the latest CT technology and integrated mask digital technology; composed of special high voltage detector, wireless receiver and high voltage insulation rods. Wireless transmission can receive the measured data by penetrating storey building barriers or 300 meters. If not use insulated rods, it can also used as high-precision low-voltage clamp meter and leakage current meter, can accurately measure the 0.0mA ~1200A current or leakage current.

The integrated design of clamp and lead zone of MEWOI1000C H/L Voltage Clamp Meter ensures uninterrupted year-round high precision, high reliability and high stability test.

The connection rods of **MEWOI1000C** wireless high and low voltage clamp ammeter can be applied in high voltage line current measurement and online current measure below 60KV, also with the functions of peak value maintaining, data maintaining, data memory and infrared transmission, etc. The special clamp ammeter can facilitate clamp to exit the tested lead by pressing or pulling back insulation bar, which is time efficient and convenient; widely used in power plant, substation, industrial and mining enterprise, inspection station, electrician maintenance department for current sensing and field working. It can also be used as high and low voltage changing ratio tester, that is, respectively test the first loop and secondary loop high and low voltage current, and then obtain the voltage change through manually calculation. Insulation rod has the characteristics of moisture resistance, high temperature resistance, impact resistance, bending resistance, high insulation and scalability, etc.



### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** DC6V alkaline dry battery (1.5V AAA×4) **Test Mode** Clamp CT, integral approach
- **Display Mode** 4 bit LCD display, with backlight function
- **Transmission Mode** Wireless transmission, the maximum distance of straight line transmission is about 30m
- **LCD Dimension** 47mm×28.5mm **Clamp Dimension**  $\Phi$ 48mm
- **Meter Dimension** Width, height, thickness: 76mm×255mm×31mm **Sampling Rate** 2 times/second
- **Measurement Scope** 0.0mA~1200A (50/60Hz automatic) **Resolution** 0.1mA **Shift** 0.0mA~1200A automatic shift
- **Accuracy** (23℃±5℃, below 70%RH), 0.0mA~299mA: ±1%±3dgt, 0.30A~9.99A: ±1.5%±5dgt, 10.0A~199.9A: ±2%±5dgt  
 ■ 200A~399A: ±2.5%±5dgt, 400A~600A: ±3%±5dgt, 601A~1200A: ±4%±5dgt
- **Line Voltage** Below 60KV line test (with 5 insulation rods operation, Bare wire 35KV)
- **Data Memory** 99 sets, memory process is shown by MEM, full storage is shown by blinking "FULL"
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK,  
 ■ that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by "HOLD"
- **Data Access** "MR" indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in "OL A"
- **Automatic Shutdown** 15 minutes after boot **No Signal Indication** "no-" is shown when receiver does not receive the dynamic display of signal transmission
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Detector: 335g (with battery), the total mass of meter: 2260g (including insulation rod and battery)
- **Working Temperature and Humidity** -25℃~40℃; below 80%Rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%Rh
- **Insulation Rod Dimension**  $\Phi$ 32mm, 1m/piece (5pieces)
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)
- **Structure** Anti-drip type II
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp: 1 piece; receiver: 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 8 pieces

## MEWOI1000T-AC 0.0ma-1200A $\phi$ 48mm Portable Type H/L 60KV Voltage Clamp Current Leaker

### Main Features :

**MEWOI1000T** Portable Type H/L Voltage Clamp Current Leaker has broken through the traditional structure, with 32cm long insulating rod which is specially well-designed for measuring high voltage current, adopting the latest CT technology and integrated mask digital technology, portable design are fit in the measurement of H/L voltage current, leakage current which needs a safety distance. To choose different model can accurately measure 0.1mA -1200A current or leakage current.

**MEWOI1000T** Portable Type H/L Voltage Clamp Current Leaker has an innovative integrated design between transducer clamp and transducer domain, ensuring the high-precision, high-reliability, and high-stability on constant test perennially. The insulating rod is portability, have the characteristic of damp proof, high temperature resistance, shock resistance, insulating.

**MEWOI1000T** Portable Type H/L Voltage Clamp Current Leaker with an insulating rod can use to measure the wire without any insulation with voltage below 1kV or convergence generatrix. It can also use to measure the current of the wire with voltage below 10kV and the wire is with insulation layer, online current testing, and have the function of peak holding, data holding, and data storage. Its special Clamp Leaker can make it easier for clamping or evacuating the tested wire through pressing or pulling back the insulation rod, time-saving and fast, widely used in transformer substation, power plant, industrial and mining enterprises as well as the inspection station and electrician maintenance departments for electrical current detection and field electrical operations. It can also replace the H/L voltage transforming ratio tester, that is, to detect the high and low current for primary circuit and secondary circuit separately, and then calculate to conclude the change of high and low pressure.



### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** DC6V alkaline dry battery (1.5V AAA  $\times$  4) **Test Mode** Clamp CT, integral approach
- **Display Mode** 4 bit LCD display, with backlight function
- **LCD Dimension** 47mm $\times$ 28.5mm **Clamp Dimension**  $\Phi$ 48mm
- **Meter Dimension** Width, height, thickness: 76mm $\times$ 255mm $\times$ 31mm **Sampling Rate** 2 times/second
- **Measurement Scope** 0.0mA $\sim$ 1200A (50/60Hz automatic) **Resolution** 0.1mA **Shift** 0.0mA $\sim$ 1200A automatic shift
- **Accuracy** (23 $^{\circ}$ C  $\pm$  5 $^{\circ}$ C, below 70%RH), 0.0mA $\sim$ 299mA:  $\pm$  1%  $\pm$  3dgt, 0.30A $\sim$ 9.99A:  $\pm$  1.5%  $\pm$  5dgt, 10.0A $\sim$ 199.9A:  $\pm$  2%  $\pm$  5dgt  
 ■ 200A $\sim$ 399A:  $\pm$  2.5%  $\pm$  5dgt, 400A $\sim$ 600A:  $\pm$  3%  $\pm$  5dgt, 601A $\sim$ 1200A:  $\pm$  4%  $\pm$  5dgt
- **Line Voltage** Below 10KV line test (with 5 insulation rods operation, Bare wire 1KV)
- **Data Memory** 99 sets, memory process is shown by MEM, full storage is shown by blinking "FULL"
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK,  
 ■ that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by "HOLD"
- **Data Access** "MR" indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in "OL A"
- **Automatic Shutdown** 15 minutes after boot **No Signal Indication** "no- -" is shown when receiver does not receive the dynamic display of signal transmission
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Detector: 335g (with battery), the total mass of meter: 2260g (including insulation rod and battery)
- **Working Temperature and Humidity** -25 $^{\circ}$ C $\sim$ 40 $^{\circ}$ C; below 80%Rh
- **Storage Temperature and Humidity** -10 $^{\circ}$ C $\sim$ 60 $^{\circ}$ C; below 70%Rh
- **Insulation Rod Dimension**  $\Phi$  32mm, 1m/piece (5pieces)
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)
- **Structure** Anti-drip type II
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Meter:1pc; Meter Box:1pc; Insulation:1pc;Battery(Alkaline Dry Battery AAA):4pc.



## MEWO1100-AC 0.0mA ~ 600A H/V 65KV High Voltage Current Clamp

### Meter/Pinza

#### Main Features :

**MEWO1100** H/L Voltage Clamp Meter specially designed and manufactured for high precision high voltage current measurement; use the latest CT technology and integrated mask digital technology; composed of special high voltage detector, wireless receiver and high voltage insulation rods. Wireless transmission can receive the measured data by penetrating storey building barriers or 30 meters. If not use insulated rods, it can also used as high-precision low-voltage clamp meter and leakage current meter, can accurately measure the 0.00mA ~600A current or leakage current.

The integrated design of clamp and lead zone of **MEWO1100** H/L Voltage Clamp Meter ensures uninterrupted year-round high precision, high reliability and high stability test.

The connection rods of **MEWO1100** wireless high and low voltage clamp ammeter can be applied in high voltage line current measurement and online current measure below 69KV, also with the functions of peak value maintaining, data maintaining, data memory, etc. The special clamp ammeter can facilitate clamp to exit the tested lead by pressing or pulling back insulation bar, which is time efficient and convenient; widely used in power plant, substation, industrial and mining enterprise, inspection station, electrician maintenance department for current sensing and field working. It can also be used as high and low voltage changing ratio tester, that is, respectively test the first loop and secondary loop high and low voltage current, and then obtain the voltage change through manually calculation. Insulation rod has the characteristics of moisture resistance, high temperature resistance, impact resistance, bending resistance, high insulation and scalability, etc.



#### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** DC6V alkaline LR03×4
- **Test Mode** Clamp CT, integral approach
- **Display Mode** 4 bit LCD display, with backlight function
- **LCD Dimension** 47mm×28.5mm **Clamp Dimension** Φ33mm
- **Meter Dimension** Width, height, thickness: 68mm×245mm×40mm **Sampling Rate** 2 times/second
- **Measurement Scope** 0.00mA~600A (50/60Hz automatic) **Resolution** 0.01mA
- **Shift** 0.00mA~600A automatic shift
- **Accuracy** (23℃±5℃, 0.00mA~100.0A: ±1%±5dgt , 100.0A~600.0A: ±2%±5dgt
- **Line Voltage** Below 60KV line test (with 5 insulation rods operation, Bare wire 35KV)
- **Data Memory** 99 sets, memory process is shown by MEM , full storage is shown by blinking “FULL”
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK,
  - that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by “HOLD”
- **Data Access** “MR” indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in “OL A”
- **Automatic Shutdown** 15 minutes after boot
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Detector: 335g (with battery), the total mass of meter: 2260g (including insulation rod and battery)
- **Working Temperature and Humidity** -25℃~40℃; below 80%Rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%Rh
- **Insulation Rod Dimension** Φ32mm, 1m/piece (5pieces) **Structure** Anti-drip type II
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp Meter : 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 4 pieces

## MEWOI1100+-AC 0.0mA-1200A $\phi$ 50mm H/L 60KV Voltage Clamp Meter

### Main Features :

**MEWOI1100+** Series H/L Voltage Clamp Meter has broken through the traditional structure, which is specially well-designed for measuring high voltage current, adopting the latest CT technology and integrated mask digital technology, formed by composition of a special use clamp meter with a high-voltage insulation rod, as to MEWOI1100C+ type --- wireless transmission of test data, it is equipped with wireless receivers, which can receive measured data within 30 meters line. If not using an insulation rod, it can be also used as a high precision low-voltage clamp meter, or an alternating current meter, which can accurately measure 0.1mA of current or leakage current.

**MEWOI1100+** Series H/L Voltage Clamp Meter has an innovative integrated design between transducer clamp and transducer domain, ensuring the high-precision, high-reliability, and high-stability on constant test perennially.

**MEWOI1100+** Series H/L Voltage Clamp Meter is connected with insulation rod, which can be used for measuring high voltage current that is below 60KV, on-line current measurement, also having peak maintenance, data preservation, data storage, wireless transmission and other functions, and its special clamp meter can make it easier for clamping or evacuating the tested wire through pressing or pulling back the insulation rod, time-saving and fast, widely used in transformer substation, power plant, industrial and mining enterprises as well as the inspection station and electrician maintenance departments for electrical current detection and field electrical operations. The insulation rod is light and convenient, with the advantages of anti-moisture, high temperature resistance, anti-impact, bending resistance, high insulation, flexibility and other characteristics.



### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** Tester(DC6V alkaline dry battery (1.5V AAA×4))
- **Test Mode** Clamp CT, integral approach **Display Mode** 4 bit LCD display, with backlight function
- **LCD Dimension** 48mm×31mm **Meter Dimension** W/H/T: 87mm×262mm×37mm
- **Clamp Dimension**  $\Phi$ 50mm **Sampling Rate** 2 times/second **Measurement Scope** 0.0mA~1200A (50/60Hz automatic)
- **Resolution** 0.1mA **Shift** 0.0mA~1200A automatic shift
- **Accuracy** (23°C±5°C, below 70%RH),(23°C±5°C, below 70%RH),0.0mA~299mA:  $\pm 1\% \pm 3\text{dgt}$ , 0.30A~9.99A:  $\pm 1.5\% \pm 5\text{dgt}$ , 10.0A~199.9A:  $\pm 2\% \pm 5\text{dgt}$  200A~399A:  $\pm 2.5\% \pm 5\text{dgt}$ , 400A~600A:  $\pm 3\% \pm 5\text{dgt}$ , 601A~1200A:  $\pm 4\% \pm 5\text{dgt}$
- **Line Voltage** Below 60KV line test (with 5 insulation rods operation, Bare wire 35KV)
- **Data Memory** 99 sets, memory process is shown by MEM, full storage is shown by blinking FULL
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK, that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by "HOLD"
- **Data Access** "MR" indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in "OL A" **Automatic Shutdown** 15 minutes after boot
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight Detector**: 335g (with battery), the total mass of meter: 2.5kg (including insulation rod and battery)
- **Working Temperature and Humidity** -25°C~40°C; below 80%Rh
- **Storage Temperature and Humidity** -10°C~60°C; below 70%Rh
- **Insulation Rod Dimension**  $\Phi$ 32mm, 1m/piece (5pieces)
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)
- **Structure** Anti-drip type II
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp Meter : 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 4 pieces

## MEWOI1100C-Wireless H/L Voltage Clamp Current Meter

### Main Features :

**MEWOI1100C** H/L Voltage Clamp Meter specially designed and manufactured for high precision high voltage current measurement; use the latest CT technology and integrated mask digital technology; composed of special high voltage detector, wireless receiver and high voltage insulation rods. Wireless transmission can receive the measured data by penetrating storey building barriers or 30 meters. If not use insulated rods, it can also used as high-precision low-voltage clamp meter and leakage current meter, can accurately measure the 0.00mA ~600A current or leakage current.

The integrated design of clamp and lead zone of **MEWOI1100C** H/L Voltage Clamp Meter ensures uninterrupted year-round high precision, high reliability and high stability test.

The connection rods of **MEWOI1100C** wireless high and low voltage clamp ammeter can be applied in high voltage line current measurement and online current measure below 69KV, also with the functions of peak value maintaining, data maintaining, data memory, etc. The special clamp ammeter can facilitate clamp to exit the tested lead by pressing or pulling back insulation bar, which is time efficient and convenient; widely used in power plant, substation, industrial and mining enterprise, inspection station, electrician maintenance department for current sensing and field working. It can also be used as high and low voltage changing ratio tester, that is, respectively test the first loop and secondary loop high and low voltage current, and then obtain the voltage change through manually calculation. Insulation rod has the characteristics of moisture resistance, high temperature resistance, impact resistance, bending resistance, high insulation and scalability, etc.



### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** DC6V alkaline dry battery (1.5V AAA×4) **Test Mode** Clamp CT, integral approach
- **Display Mode** 4 bit LCD display, with backlight function
- **Transmission Mode** Wireless transmission, the maximum distance of straight line transmission is about 30m
- **LCD Dimension** 47mm×28.5mm **Clamp Dimension**  $\phi$  33mm
- **Meter Dimension** Width, height, thickness: 68mm×245mm×40mm **Sampling Rate** 2 times/second
- **Measurement Scope** 0.01mA~600A (50/60Hz automatic) **Resolution** 0.1mA **Shift** 0.0mA~600A automatic shift
- **Accuracy** (23℃±5℃, 0.00mA~100.0A: ±1%±5dgt, 100.0A~600.0A: ±2%±5dgt
- **Line Voltage** Below 60KV line test (with 5 insulation rods operation, Bare wire 35KV)
- **Data Memory** 99 sets, memory process is shown by MEM, full storage is shown by blinking "FULL"
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK, that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by "HOLD"
- **Data Access** "MR" indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in "OL A"
- **Automatic Shutdown** 15 minutes after boot **No Signal Indication** "no- -" is shown when receiver does not receive the dynamic display of signal transmission
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Detector: 335g (with battery), the total mass of meter: 2260g (including insulation rod and battery)
- **Working Temperature and Humidity** -25℃~40℃; below 80%Rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%Rh
- **Insulation Rod Dimension**  $\phi$  32mm, 1m/piece (5pieces)
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)
- **Structure** Anti-drip type II
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp Meter : 1 piece; receiver: 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 4 pieces

## MEWOI1100C+-AC 0.0mA-1200A $\phi$ 50mm H/L 60KV Wireless High Voltage Clamp Meter

### Main Features :

**MEWOI1100+** Series H/L Voltage Clamp Meter has broken through the traditional structure, which is specially well-designed for measuring high voltage current, adopting the latest CT technology and integrated mask digital technology, formed by composition of a special use clamp meter with a high-voltage insulation rod, as to MEWOI1100C+ type --- wireless transmission of test data, it is equipped with wireless receivers, which can receive measured data within 30 meters line. If not using an insulation rod, it can be also used as a high precision low-voltage clamp meter, or an alternating current meter, which can accurately measure 0.1mA of current or leakage current.

**MEWOI1100+** Series H/L Voltage Clamp Meter has an innovative integrated design between transducer clamp and transducer domain, ensuring the high-precision, high-reliability, and high-stability on constant test perennially.

**MEWOI1100+** Series H/L Voltage Clamp Meter is connected with insulation rod, which can be used for measuring high voltage current that is below 60KV, on-line current measurement, also having peak maintenance, data preservation, data storage, wireless transmission and other functions, and its special clamp meter can make it easier for clamping or evacuating the tested wire through pressing or pulling back the insulation rod, time-saving and fast, widely used in transformer substation, power plant, industrial and mining enterprises as well as the inspection station and electrician maintenance departments for electrical current detection and field electrical operations. The insulation rod is light and convenient, with the advantages of anti-moisture, high temperature resistance, anti-impact, bending resistance, high insulation, flexibility and other characteristics.



### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** Tester(DC6V alkaline dry battery (1.5V AAA×4) )
- **Test Mode** Clamp CT, integral approach **Display Mode** 4 bit LCD display, with backlight function
- **Transmission Mode** Wireless transmission, the maximum distance of straight line transmission is about 30m
- **LCD Dimension** 48mm×31mm **Meter Dimension** W/H/T: 87mm×262mm×37mm
- **Clamp Dimension**  $\Phi$ 50mm **Sampling Rate** 2 times/second **Measurement Scope** 0.0mA~1200A (50/60Hz automatic)
- **Resolution** 0.1mA **Shift** 0.0mA~1200A automatic shift
- **Accuracy** (23°C±5°C, below 70%RH),(23°C±5°C, below 70%RH),0.0mA~299mA:  $\pm 1\% \pm 3\text{dgt}$  ,0.30A~9.99A:  $\pm 1.5\% \pm 5\text{dgt}$  ,10.0A~199.9A:  $\pm 2\% \pm 5\text{dgt}$  200A~399A:  $\pm 2.5\% \pm 5\text{dgt}$  ,400A~600A:  $\pm 3\% \pm 5\text{dgt}$  ,601A~1200A:  $\pm 4\% \pm 5\text{dgt}$
- **Line Voltage** Below 60KV line test (with 5 insulation rods operation,Bare wire35KV)
- **Data Memory** 99 sets, memory process is shown by MEM , full storage is shown by blinking FULL
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK, that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by "HOLD"
- **Data Access** "MR" indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in "OL A" **Automatic Shutdown** 15 minutes after boot
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight Detector:** 335g (with battery), the total mass of meter: 2.5kg (including insulation rod and battery)
- **Working Temperature and Humidity** -25°C~40°C; below 80%Rh **Storage Temperature and Humidity** -10°C~60°C; below 70%Rh
- **Insulation Rod Dimension**  $\Phi$  32mm, 1m/piece (5pieces)
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)
- **Structure** Anti-drip type II
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp Meter : 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 4 pieces

## MEWOI1100T-AC 0.00mA-600A Portable $\phi$ 48mm Type 60kv H/L Voltage Clamp Current Leaker

### Main Features :

**MEWOI1100T** Portable Type H/L Voltage Clamp Current Leaker has broken through the traditional structure, with 32cm long insulating rod which is specially well-designed for measuring high voltage current, adopting the latest CT technology and integrated mask digital technology, portable design are fit in the measurement of H/L voltage current, leakage current which needs a safety distance. To choose different model can accurately measure 0.01mA -600A current or leakage current.

**MEWOI1100T** Portable Type H/L Voltage Clamp Current Leaker has an innovative integrated design between transducer clamp and transducer domain, ensuring the high-precision, high-reliability, and high-stability on constant test perennially. The insulating rod is portability, have the characteristic of damp proof, high temperature resistance, shock resistance, insulating.

**MEWOI1100T** Portable Type H/L Voltage Clamp Current Leaker with an insulating rod can use to measure the wire without any insulation with voltage below 1kV or convergence generatrix. It can also use to measure the current of the wire with voltage below 10kV and the wire is with insulation layer, online current testing, and have the function of peak holding, data holding, and data storage. Its special Clamp Leaker can make it easier for clamping or evacuating the tested wire through pressing or pulling back the insulation rod, time-saving and fast, widely used in transformer substation, power plant, industrial and mining enterprises as well as the inspection station and electrician maintenance departments for electrical current detection and field electrical operations. It can also replace the H/L voltage transforming ratio tester, that is, to detect the high and low current for primary circuit and secondary circuit separately, and then calculate to conclude the change of high and low pressure.



### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** DC6V alkaline dry battery (1.5V AAA×4) **Test Mode** Clamp CT, integral approach
- **Display Mode** 4 bit LCD display, with backlight function
- **LCD Dimension** 47mm×28.5mm **Clamp Dimension**  $\Phi$  33mm
- **Meter Dimension** Width, height, thickness: 68mm×245mm×40mm **Sampling Rate** 2 times/second
- **Measurement Scope** 0.01mA~600A (50/60Hz automatic) **Resolution** 0.01mA **Shift** 0.0mA~600A automatic shift
- **Accuracy** (23℃±5℃, 0.00mA~100.0A: ±1%±5dgt, 100.0A~600.0A: ±2%±5dgt
- **Line Voltage** Below 10KV line test (with 5 insulation rods operation, Bare wire 1KV)
- **Data Memory** 99 sets, memory process is shown by MEM, full storage is shown by blinking "FULL"
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK,
  - that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by "HOLD"
- **Data Access** "MR" indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in "OL A"
- **Automatic Shutdown** 15 minutes after boot **No Signal Indication** "no- -" is shown when receiver does not receive the dynamic display of signal transmission
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Detector: 335g (with battery), the total mass of meter: 2260g (including insulation rod and battery)
- **Working Temperature and Humidity** -25℃~40℃; below 80%Rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%Rh
- **Insulation Rod Dimension**  $\Phi$  32mm, 1m/piece (5pieces)
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)
- **Structure** Anti-drip type II
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Meter:1pc; Meter Box:1pc; Insulation:1pc;Battery(Alkaline Dry Battery AAA):4pc.



## MEWOI1200- AC 0.00mA ~ 1000A 60KV $\Phi$ 68mm H/L Voltage Clamp

### Current Meter

#### Main Features :

**MEWOI1200** H/L Voltage Clamp Current Meter has broken through the traditional structure, which is specially well-designed for measuring high voltage current, adopt latest CT technology and integrated mask digital technology, composed of special clamp current meter and high voltage insulation rods. Without insulation rods, it can be used as high-precision low-voltage clamp meter and leakage current meter, can accurately measure the current or leakage current of 0.01mA.

**MEWOI1200** H/L Voltage Clamp Current Meter adopt hook type structure of innovation, which can hook the line to test, save the physical power of user, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement.

The rods of **MEWOI1200** H/L Voltage Clamp Current Meter can be used for insulating sheath wires ( $\leq 60\text{kV}$ ) and bare wire ( $\leq 35\text{kV}$ ) high voltage line current measurement and online current measure below 60kV, also with the functions of peak value holding, data holding, data storage and wireless transmission, etc. It is easy to clamp or disconnect the wire by pulling-down or forwarding the insulation rods of the special clamp current meter, with the advantages of safety and time-saving. Widely used in power plant, substation industrial and mining enterprise, inspection station, electrician maintenance department for current sensing and field working. It can also be used as high and low voltage changing ratio tester, that is, respectively test the first loop and secondary loop high and low voltage change through manual calculation. The insulation rod is light and convenient, with the advantages of anti-moisture, high temperature resistance, anti-impact, bending resistance, high insulation, flexibility and other characteristics.



#### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** DC6V alkaline LR03×4
- **Test Mode** Clamp CT, integral approach
- **Display Mode** 4 bit LCD display, with backlight function
- **LCD Dimension** 35mm×21.5mm **Clamp Dimension**  $\Phi$ 68mm
- **Meter Dimension** Width, height, thickness: 218mm×135mm×60mm **Sampling Rate** 2 times/second
- **Measurement Scope** 0.00mA~1000A (50/60Hz automatic) **Resolution** 0.01mA
- **Shift** 0.00mA~1000A automatic shift
- **Accuracy** (23℃±5℃, below 70%RH), 0.0mA~299mA: ±1%±3dgt, 0.30A~9.99A: ±1.5%±5dgt, 10.0A~199.9A: ±2%±5dgt  
200A~399A: ±2.5%±5dgt, 400A~600A: ±3%±5dgt, 601A~1000A: ±4%±5dgt
- **Line Voltage** Below 60KV line test (with 5 insulation rods operation, Bare wire 35KV)
- **Data Memory** 99 sets, memory process is shown by MEM, full storage is shown by blinking "FULL"
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK, ■ that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by "HOLD"
- **Data Access** "MR" indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in "OL A"
- **Automatic Shutdown** 15 minutes after boot
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Detector: 335g (with battery), the total mass of meter: 2260g (including insulation rod and battery)
- **Working Temperature and Humidity** -25℃~40℃; below 80%Rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%Rh
- **Insulation Rod Dimension**  $\Phi$ 32mm, 1m/piece (5pieces) **Structure** Anti-drip type II
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core)
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp Meter : 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 4 pieces

## MEWOI1200C-AC 0.00mA ~ 1000A $\phi$ 68mm Wireless 60KV H/L Voltage

### Clamp Current Meter

#### Main Features :

**MEWOI1200C** Wireless H/L Voltage Clamp Current Meter has broken through the traditional structure, which is specially well-designed for measuring high voltage current, adopt latest CT technology and integrated mask digital technology, composed of special clamp current meter, wireless receiver and high voltage insulation rods. Wireless transmission can receive measured data within 30 meters line. Without insulation rods, it can be used as high-precision low-voltage clamp meter and leakage current meter, can accurately measure the current or leakage current of 0.01mA.

**MEWOI1200C** Wireless H/L Voltage Clamp Current Meter adopt hook type structure of innovation, which can hook the line to test, and through wireless transmission test data can save the physical power of user, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement.

The rods of **MEWOI1200C** Wireless H/L Voltage Clamp Current Meter can be used for insulating sheath wires ( $\leq 60\text{kV}$ ) and bare wire ( $\leq 35\text{kV}$ ) high voltage line current measurement and online current measure below 60kV, also with the functions of peak value holding, data holding, data storage and wireless transmission, etc. It is easy to clamp or disconnect the wire by pulling-down or forwarding the insulation rods of the special clamp current meter, with the advantages of safely and time-saving. Widely used in power plant, substation industrial and mining enterprise, inspection station, electrician maintenance department for current sensing and field working. It can also be used as high and low voltage changing ratio tester, that is, respectively test the first loop and secondary loop high and low voltage change through manually calculation. The insulation rod is light and convenient, with the advantages of anti-moisture, high temperature resistance, anti-impact, bending resistance, high insulation, flexibility and other characteristics.



#### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** DC6V alkaline dry battery (1.5V AAA  $\times$  4) **Test Mode** Clamp CT, integral approach
- **Display Mode** 4 bit LCD display, with backlight function
- **Transmission Mode** Wireless transmission, the maximum distance of straight line transmission is about 30m
- **LCD Dimension** 35mm $\times$ 21.5mm **Clamp Dimension**  $\phi$  68mm
- **Meter Dimension** Width, height, thickness: 218mm $\times$ 135mm $\times$ 60mm **Sampling Rate** 2 times/second
- **Measurement Scope** 0.01mA $\sim$ 1000A (50/60Hz automatic) **Resolution** 0.01mA **Shift** 0.00mA $\sim$ 600A automatic shift
- **Accuracy** (23 $^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 70%RH), 0.0mA $\sim$ 299mA:  $\pm 1\% \pm 3\text{dgt}$ , 0.30A $\sim$ 9.99A:  $\pm 1.5\% \pm 5\text{dgt}$ , 10.0A $\sim$ 199.9A:  $\pm 2\% \pm 5\text{dgt}$   
200A $\sim$ 399A:  $\pm 2.5\% \pm 5\text{dgt}$ , 400A $\sim$ 600A:  $\pm 3\% \pm 5\text{dgt}$ , 601A $\sim$ 1000A:  $\pm 4\% \pm 5\text{dgt}$
- **Line Voltage** Below 60KV line test (with 5 insulation rods operation, Bare wire 35KV)
- **Data Memory** 99 sets, memory process is shown by MEM, full storage is shown by blinking "FULL"
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK,  
■ that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by "HOLD"
- **Data Access** "MR" indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in "OL A"
- **Automatic Shutdown** 15 minutes after boot **No Signal Indication** "no-" is shown when receiver does not receive the dynamic display of signal transmission
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Detector: 335g (with battery), the total mass of meter: 2260g (including insulation rod and battery)
- **Working Temperature and Humidity** -25 $^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ; below 80%Rh **Storage Temperature and Humidity** -10 $^{\circ}\text{C} \sim 60^{\circ}\text{C}$ ; below 70%Rh
- **Insulation Rod Dimension**  $\phi$  32mm, 1m/piece (5pieces)
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core) **Structure** Anti-drip type II
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp Meter : 1 piece; receiver: 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 4 pieces

## MEWOI1200C+-AC 0.00mA ~ 1600A $\varnothing$ 68mm Wireless 60KV H/L Voltage

### Clamp Current Meter

#### Main Features :

**MEWOI1200C+** Wireless H/L Voltage Clamp Current Meter has broken through the traditional structure, which is specially well-designed for measuring high voltage current, adopt latest CT technology and integrated mask digital technology, composed of special clamp current meter, wireless receiver and high voltage insulation rods. Wireless transmission can receive measured data within 30 meters line. Without insulation rods, it can be used as high-precision low-voltage clamp meter and leakage current meter, can accurately measure the current or leakage current of 0.01mA.

**MEWOI1200C+** Wireless H/L Voltage Clamp Current Meter adopt hook type structure of innovation, which can hook the line to test, and through wireless transmission test data can save the physical power of user, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement.

The rods of **MEWOI1200C+** Wireless H/L Voltage Clamp Current Meter can be used for insulating sheath wires ( $\leq 60\text{kV}$ ) and bare wire ( $\leq 35\text{kV}$ ) high voltage line current measurement and online current measure below 60kV, also with the functions of peak value holding, data holding, data storage and wireless transmission, etc. It is easy to clamp or disconnect the wire by pulling-down or forwarding the insulation rods of the special clamp current meter, with the advantages of safely and time-saving. Widely used in power plant, substation industrial and mining enterprise, inspection station, electrician maintenance department for current sensing and field working. It can also be used as high and low voltage changing ratio tester, that is, respectively test the first loop and secondary loop high and low voltage change through manually calculation. The insulation rod is light and convenient, with the advantages of anti-moisture, high temperature resistance, anti-impact, bending resistance, high insulation, flexibility and other characteristics.



#### Technical Specification:

- **Function** High voltage AC current measurement, low voltage AC current, current leakage measurement, online AC current measurement
- **Power Supply** DC6V alkaline dry battery (1.5V AAA  $\times$  4) **Test Mode** Clamp CT, integral approach
- **Display Mode** 4 bit LCD display, with backlight function
- **Transmission Mode** Wireless transmission, the maximum distance of straight line transmission is about 30m
- **LCD Dimension** 35mm $\times$ 21.5mm **Clamp Dimension**  $\varnothing$  68mm
- **Meter Dimension** Width, height, thickness: 218mm $\times$ 135mm $\times$ 60mm **Sampling Rate** 2 times/second
- **Measurement Scope** 0.01mA $\sim$ 1600A (50/60Hz automatic) **Resolution** 0.01mA **Shift** 0.00mA $\sim$ 600A automatic shift
- **Accuracy** (23 $^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 70%RH), 0.0mA $\sim$ 299mA:  $\pm 1\% \pm 3\text{dgt}$ , 0.30A $\sim$ 9.99A:  $\pm 1.5\% \pm 5\text{dgt}$ , 10.0A $\sim$ 199.9A:  $\pm 2\% \pm 5\text{dgt}$   
200A $\sim$ 399A:  $\pm 2.5\% \pm 5\text{dgt}$ , 400A $\sim$ 600A:  $\pm 3\% \pm 5\text{dgt}$ , 601A $\sim$ 1600A:  $\pm 4\% \pm 5\text{dgt}$
- **Line Voltage** Below 60KV line test (with 5 insulation rods operation, Bare wire 35KV)
- **Data Memory** 99 sets, memory process is shown by MEM, full storage is shown by blinking "FULL"
- **PEAK value maintaining** Automatically maintain the high test value, in usual testing mode, press key HOLD till the lighting of PEAK,  
■ that is, start PEAK to maintain this function.
- **Data Hold** In usual testing mode, press HOLD key to keep data, shown by "HOLD"
- **Data Access** "MR" indication, can access to all data
- **Overflow Display** Over-range overflow function: shown in "OL A"
- **Automatic Shutdown** 15 minutes after boot **No Signal Indication** "no--" is shown when receiver does not receive the dynamic display of signal transmission
- **Battery Voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Detector: 335g (with battery), the total Weight: 8kg (including insulation rods, bag and battery)
- **Working Temperature and Humidity** -25 $^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ; below 80%Rh **Storage Temperature and Humidity** -10 $^{\circ}\text{C} \sim 60^{\circ}\text{C}$ ; below 70%Rh
- **Insulation Rod Dimension**  $\varnothing$  32mm, 1m/piece (5pieces)
- **Insulation Strength** AC 100kV/rms (between the 5th insulation rod and high voltage current clamp core) **Structure** Anti-drip type II
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp Meter : 1 piece; receiver: 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 4 pieces

## MEWOI1500-Wireless High Voltage Current Transformation Ratio Tester

### Main Features :

1. Function High and low voltage first and secondary loop current, variable ratio, current leakage online test; current on both sides of transformer, variable ratio online monitoring
2. High voltage clamp: 0.0mA~1000A Low voltage clamp: 0.00mA~10A
3. High voltage clamp:  $\phi$  48mm Low voltage clamp:  $\phi$  30mm



### Technical Specification:

- **Function** High and low voltage first and secondary loop current, variable ratio, current leakage online test; current on both sides of transformer, variable ratio online monitoring
- **Power supply** DC6V alkaline dry battery (1.5V AAA×4), continuous working for 30 hours
- **Test mode** Clamp CT
- **Transmission mode** Wireless transmission, the maximum distance of straight line transmission is about 30m
- **Display mode** LCD: 128dots×64dots; blue backlight function
- **LCD dimension** Display domain: 44mm×27mm
- **Meter dimension** Host: width, height, thickness 75mm×170mm×30mm
- **High voltage clamp**: width, height, thickness 76mm×255mm×31mm **Low voltage clamp**: width, height, thickness 63mm×160mm×23mm
- **Clamp dimension** **High voltage clamp**:  $\phi$ 48mm, **Low voltage clamp**:  $\phi$ 30mm
- **Sampling rate** 2 times/second
- **Measurement scope** High voltage clamp: 0.0mA~1000A, Low voltage clamp: 0.00mA~10A
- **Resolution** High voltage clamp: 0.1mA, Low voltage clamp: 0.01mA **Shift** Automatic shift
- **One loop testing accuracy** 23℃±3℃, below 80%RH 0.0mA~10.0A: ±1%±5dgt, 10.0A~49.9A: ±2%±5dgt, 50.0A~199.9A: ±3%±5dgt, 200A~600A: ±4%±5dgt, 601A~1000A: ±5%±5dgt
- **Secondary loop testing accuracy** 0.00mA~10A: ±1%±5dgt (23℃±3℃, below 70%RH)
- **Variable ratio** 3 variable ratio displays: (first and secondary loop real-time current measurement ; calculate the variable ratio at 5A of secondary loop and 10kV-YY of transformer 10kV/380V); the maximum transformation ratio is 1:10 million (1.0K7)
- **Data storage** 3000 sets, press key HOLD to maintain data and automatically numbered storage (data won't lose in power off or battery replacement)
- **Line voltage** Below 60KV line test (with 5 insulation rods operation)
- **Data retention** Press key HOLD key to maintain data, shown by HOLD, and then press HOLD to cancel maintaining.
- **Data access** Enter data access mode by pressing key HOLD+ key POWER **Overflow display** Over-range overflow function: shown in "OL A"
- **No signal indication** "No signal" will be shown when the host fails to receive signal
- **Automatic shutdown** 15 minutes after boot, meter automatically shuts down
- **Battery voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Host: 240 g (with battery) High voltage clamp: 335g (with battery) Low voltage clamp: 170g (optional)  
The total mass of meter: 2.5kg (including insulation rod and battery)
- **External disturbance** No particularly strong electromagnetic field; without 433MHz and 315 MHz interference
- **Working temperature and humidity** -25℃~45℃; below 80%Rh **Storage temperature and humidity** -10℃~60℃; below 70%Rh
- **Insulation rod dimension**  $\phi$  32mm, 1m/piece (5pieces, standard configuration) **Low voltage current clamp lead** Standard 2m
- **Insulation strength** High voltage clamp: AC100kV/rms (between the 5th insulation rod and high voltage current clamp core)  
Host and low voltage clamp: AC1000V/rms
- **Structure** Anti-drip type II (high voltage detector)
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp: 1 piece; receiver: 1 piece; current clamp: 1 piece; disc: 1 piece; RS232 communication wire: 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 8 pieces

## MEWOI1500C Upgraded Wireless H/Voltage Current Transformation Ratio Test Meter

### Main Features :

1. High and low voltage first and secondary loop current, variable ratio, polarity, phase difference, current leakage online test; current on both sides of transformer, variable ratio online monitoring
2. High voltage clamp: 0.1mA~1000A Low voltage clamp: 0.01mA~10A
3. High voltage clamp:  $\phi$  48mm Low voltage clamp:  $\phi$  30mm
4. Wireless transmission Max: 30m
5. Transformation ratios:1:10million
6. Data storage:3000sets
7. Line Voltage<60KV



### Technical Specification:

- **Function** High and low voltage first and secondary loop current, variable ratio, current leakage online test; current on both sides of transformer, variable ratio online monitoring
- **Power supply** DC6V alkaline dry battery (1.5V AAA×4), continuous working for 30 hours **Test mode** Clamp CT
- **Transmission mode** Wireless transmission, the maximum distance of straight line transmission is about 30m
- **Display mode** LCD: 128dots×64dots; blue backlight function
- **LCD dimension** Display domain: 44mm×27mm **Meter dimension** Host: width, height, thickness 75mm×170mm×30mm
- **High voltage clamp**: width, height, thickness 76mm×255mm×31mm **Low voltage clamp**: width, height, thickness 63mm×160mm×23mm
- **Clamp dimension** **High voltage clamp**:  $\phi$ 48mm, **Low voltage clamp**:  $\phi$ 30mm **Sampling rate** 2 times/second
- **Measurement scope** **High voltage clamp**: 0.0mA~1000A, **Low voltage clamp**: 0.00mA~10A
- **Resolution** High voltage clamp: 0.1mA, Low voltage clamp: 0.01mA **Shift** Automatic shift
- **One loop testing accuracy** 23℃±3℃, below 80%RH 0.0mA~10.0A:  $\pm 1\% \pm 5\text{dgt}$ , 10.0A~49.9A:  $\pm 2\% \pm 5\text{dgt}$ , 50.0A~199.9A:  $\pm 3\% \pm 5\text{dgt}$ , 200A~600A:  $\pm 4\% \pm 5\text{dgt}$ , 601A~1000A:  $\pm 5\% \pm 5\text{dgt}$  **Secondary loop testing accuracy** 0.00mA~10A:  $\pm 1\% \pm 5\text{dgt}$  (23℃±3℃, below 70%RH)
- **Variable ratio** 3 variable ratio displays: (first and secondary loop real-time current measurement ; calculate the variable ratio at 5A of secondary loop and 10kV-YY of transformer 10kV/380V); the maximum transformation ratio is 1:10 million (1.0K7)
- **Data storage** 3000 sets, press key HOLD to maintain data and automatically numbered storage (data won't lose in power off or battery replacement)
- **Line voltage** Below 60KV line test (with 5 insulation rods operation)
- **Data retention** Press key HOLD key to maintain data, shown by HOLD , and then press HOLD to cancel maintaining.
- **Data access** Enter data access mode by pressing key HOLD+ key POWER **Overflow display** Over-range overflow function: shown in "OL A"
- **No signal indication** "No signal" will be shown when the host fails to receive signal
- **Automatic shutdown** 15 minutes after boot, meter automatically shuts down
- **Battery voltage** When battery voltage is lower than 4.8V, battery voltage is shown in low symbol to remind battery replacement
- **Meter Weight** Host: 240 g (with battery) High voltage clamp: 335g (with battery) Low voltage clamp: 170g (optional)  
The total mass of meter: 2.5kg (including insulation rod and battery)
- **External disturbance** No particularly strong electromagnetic field; without 433MHz and 315 MHz interference
- **Working temperature and humidity** -25℃~45℃; below 80%Rh **Storage temperature and humidity** -10℃~60℃; below 70%Rh
- **Insulation rod dimension**  $\phi$  32mm, 1m/piece (5pieces, standard configuration) **Low voltage current clamp lead** Standard 2m
- **Insulation strength** High voltage clamp: AC100kV/rms (between the 5th insulation rod and high voltage current clamp core)  
Host and low voltage clamp: AC1000V/rms
- **Structure** Anti-drip type II (high voltage detector)
- **Safety Provisions** IEC1010-1, IEC1010-2-032, Pollution Class 2, CAT III(600V), IEC61326(EMC standard)
- **Accessories** Clamp: 1 piece; receiver: 1 piece; current clamp: 1 piece; disc: 1 piece; RS232 communication wire: 1 piece; meter box: 1 piece; insulation rod (1m): 5 pieces; battery (alkaline battery AAA): 8 pieces



## MEWOI1500D-Three Clamp Wireless High Voltage Clamp Meter/HV CT Ratio tester

### Main Features

The on-line measurement and detection for primary and secondary current, transformation ratio, error, phase (group) difference, polarity, phase sequence, and leaker in the three-channel high & low voltage current transformer and the voltage transformers



### Technical Specification:

- Power supply** HV Detector: DC6V alkaline batteries (1.5V AAA × 4), Principal machine: DC6V alkaline batteries (1.5V AAA × 4) 30-hour continuous operation available
- Test mode** Clamp CT, HV 1CT, LV 3 CT double- shield
- Transmission mode** High-pressure tested data transmitted through wireless network, with a linear transmission distance of 20m;
- Range** HV detector 1st: 0.1mA ~1000A LV current clamp 2nd: 0.01mA ~10A
- Resolution** HV detector: 0.1mA; LV current clamp: 0.01mA
- Primary circuit test accuracy** (23 °C ± 3 °C, below 70% RH) 0.0mA~9.99A: ±1%±5dgt, 10.0A~49.9A: ±2%±5dgt, 50.0A~199.9A: ±3%±5dgt  
200A~600A: ±4%±5dgt, 601A~1000A: ±5%±5dgt
- Secondary circuit test accuracy** 0.00mA~10A: ±1%±5dgt (three-channel being displayed in one screen) (23 °C ± 3 °C, less than 70% RH)
- CT ratio** Three kinds of transformation ratio indications :  
convert the transformation ratio based on the adjustable basic value of 5A for secondary circuit current; (2) convert the transformation ratio based on 10kV-YY of 10kV/380V, that means 1st means the current of the line under 380V, 2nd means the secondary circuit current of CT under the 380V, and then calculate the ratio between the 10KV line and the secondary circuit; (3) the measured current ratio can be calculated by the measured CT ratio between the primary and secondary circuit)
- Reference Range** Reference range of transformation: 0.00A~99.99A, the default secondary circuit current is transformed to 5A;
- Range of Ratio error(F.Er)** 0.0% ~ 9.9%, the error between the measured CT ratio and the preset CT ratio
- Range of CT ratio** 0000~9999/0.0A~9.9A
- Range of Ratio error** 0.0%~ 9.9%, the principal machine can sound a alarm of “beep - beep - beep” if the measured value is more than the preset error.
- Phase polarity** Symbol indicated for in-phase positive polarity Symbol indicated for in-phase negative polarity
- Indication of Phase Sequence** Cursor in clockwise rotation and “Positive Phase” indicated for positive phase sequence  
Cursor in counterclockwise rotation and “Negative Phase” indicated for negative phase sequence
- Indication of Error** Symbol “Error” indicated if the tester can’t identify the phases, polarity, and phase sequence properly;
- Data Storage** 1500 sets of data memory; press the Left arrow key to select data, and to save and auto-number the selected data (the good condition of data available under power-down or battery replacement)
- Automatic Recording Interval Time** From 00 minutes to 99 minutes, the tester stops automatic record if being set to 00 minutes; the principal machine doesn’t shut down automatically if being set from 01 minutes to 99 minutes.
- Sampling rate** 3 times / sec
- Shift** Full-automatic shift
- Dimensions** Principal machine: W75mm× H170mm× T30mm;
- HV detector:** W76mm× H255mm× T31mm;
- LV current clamp:** W70mm× H115mm× T38mm;
- Clamp Size** HV detector clamp: φ48mm LV current clamp: 25mm×30mm
- Voltage** Less than 70kV voltage for line test(operation by being connected to 5 insulating rods required)
- Display Mode** LCD: 128dots × 64dots; backlight available for dark areas
- LCD Size:** 44mm × 27mm;
- Data Retention** Press the Left arrow key to retain the data ; press the Left arrow key to cancel retention if the symbol “HOLD” displays;

- **Data Search** Press the MEM key and the Arrow key to search data;
- **Overflow Display** Overflow available if being out of range: the symbol “OL A” displayed;
- **Zero-signal indication** The symbol “---” is shown if the principal machine can’t receive the signal from the HV detector;
- **Backlight Control** Available; ON / OFF means to open /close the backlight;
- **Alarm prompt** The principal machine can sound an alarm of “beep - beep – beep” if the measured value is more than the preset error. and press the Right arrow key to launch or stop the alarm function;
- **Auto power-off** Automatic power-off available after about 15 minutes as of starting;
- **Battery voltage** The low- voltage symbol is displayed to remind user to replace the battery if the battery voltage is lower than 4.8V;
- **Weight** Principal machine:240g(including batteries),HV detector:335g(including batteries), LV current clamp:150g× 3,  
Total weight: 10kg(including instrument box and the insulating rods)
- **Requirements on Interferences** No strong electromagnetic interference; no interference from 433MHz and 315MHz channel
- **Operating temperature and humidity** -25℃～45℃; less than 80%Rh Storage temperature and humidity -10℃～60℃; less than 70%Rh
- **Insulating rod size** Outer diameter  $\phi 32\text{mm}$ , inner diameter  $\phi 24\text{mm}$ ,1m/piece, 5 pieces
- **Lead length of LV current clamp** 2 m / Piece
- **Dielectric strength** AC100kV/rms between HV detector cover and the 5th insulating rod; the AC1000V/rms between the principal machine and the LV current clamp shell between
- **Structure** Anti-leak type II (HV detector)

## MEWOI5025 High accuracy Digital Insulation Tester/Meter

### Main Features :


**MEWOI5025** digital insulation resistance meter, also known as Mega ohm meter, high voltage insulation resistance tester, used for insulation resistance test. This instrument has the functions of LCD large screen gray back light display, data storage, data access, alarm, automatic shutdown and so on. At the same time, it also has the function of measuring the AC voltage absorption ratio and the polarization index of the DC voltage. The whole machine is beautiful and high-grade, wide range, high resolution, convenient operation, easy to carry, accurate, reliable, stable performance, strong anti-interference ability.

**MEWOI5025** adapts to the harsh working environment, it is shockproof, dustproof, moisture proof structure, It is widely used as an indispensable instrument of electricity, post and telecommunications, communications, mechanical and electrical installation and maintenance and use of electricity as an industrial power or energy industrial enterprises sectors. It is suitable for measuring the resistance value of various insulating materials and insulation resistance of transformer, motor, cable and electrical equipment.

**MEWOI5025** is composed of large scale integrated circuit. The output power is large, it has 5 output voltage levels. Rated insulation test voltage range 100 ~ 2500V, insulation resistance range 0.01~200GΩ. DC voltage range 0~1000V, AC voltage measurement range of 0~750V. Data storage up to 500Sets



### Technical Specification:

- **Functions:** Insulation Resistance/Voltage Testing
- **Standard Conditions** 23℃±5℃, <75%rh
- **Rated Voltage** 100/250/500/1000/2500V ,±3%rdg±5dgt
- **Measure Voltage** Rated Voltage× (1±10%)
- **Insulation Resistance Range** 0.01MΩ ~ 200GΩ , ±3%rdg±5dgt
- **Resolution** 0.01MΩ
- **DC Voltage Range:** 0~1000V,Resolution: 0.1V
- **AC Voltage Range** 0~750V,Resolution: 0.1V
- **Shore Circuit Current** 1mA(2500V) Approx
- **Absorption ratio and the polarization index** Support
- **Batteries** Alkaline battery 1.5V (LR14)\*6pcs
- **LCD Backlight** Large LCD gray backlight
- **Display** 4 Digit large LCD, gray-black backlight, Suitable for dark places
- **LCD Size:** 108mm×65mm
- **Product Size** 240mm(L)×188mm(W)×85mm(H)
- **Test Wires** High Voltage Test Wires: Red Wire\*1m, Black\*1m,Green\*1m
- **Data Storage** 500Sets, Flashing Display "FULL"indicates that the storage is full
- **Data access function**"MR" symbol display
- **Overflow display** Super range overflow function: "OL" symbol display
- **Alarm function** the alarm Prompt when the measured data exceeds the alarm set value,
- **Power consumption Standby:** Max 40mA (backlight off), Turn on the backlight: Max 43mA, 80mA Max(backlight off)
- **Weight** 1230g
- **Low Battery** Shows "  "
- **Auto-Power Off** Instrument does not operate for 15 minutes
- **Insulation Resistance** ≥50MΩ (1000V)
- **Voltage Resistance** AC3kV/50Hz 1min
- **Working temperature and humidity** -10℃~+50℃<85%RH
- **Storage temperature and humidity** -15℃~+55℃<85%RH
- **Safety Apply to** IEC61010-1、IEC1010-2-31、IEC61557-1,5、IEC60529(IP54)、CAT III 300V
- **Spare Parts** Host\*1,Test Wire\*3(Red,Black,Green),Battery:1.5V\*6pcs,User Manual\*1, Packing box\*1

## MEWOI5025H High Voltage High resolution Digital Insulation Tester/Meter

### Main Features :

**MEWOI5025H** digital insulation resistance meter, also known as Mega ohm meter, high voltage insulation resistance tester, used for insulation resistance test. This instrument has the functions of LCD large screen gray back light display, data storage, data access, alarm, automatic shutdown and so on. At the same time, it also has the function of measuring the AC voltage absorption ratio and the polarization index of the DC voltage. The whole machine is beautiful and high-grade, wide range, high resolution, convenient operation, easy to carry, accurate, reliable, stable performance, strong anti-interference ability.

**MEWOI5025H** adapts to the harsh working environment, it is shockproof, dustproof, moisture proof structure, It is widely used as an indispensable instrument of electricity, post and telecommunications, communications, mechanical and electrical installation and maintenance and use of electricity as an industrial power or energy industrial enterprises sectors. It is suitable for measuring the resistance value of various insulating materials and insulation resistance of transformer, motor, cable and electrical equipment.

**MEWOI5025H** is composed of large scale integrated circuit. The output power is large, It has 5 output voltage levels. Rated insulation test voltage range 100 ~ 5000V, insulation resistance range 0.01~200GΩ. DC voltage range 0~1000V, AC voltage measurement range of 0~750V. Data storage up to 500Sets



### Technical Specification:

- **Functions:** Insulation Resistance/Voltage Testing
- **Standard Conditions** 23°C ± 5°C, <75%rh
- **Rated Voltage** 250/500/1000/2500/5000V , ±3%rdg ± 5dgt
- **Measure Voltage** Rated Voltage × (1 ± 10%)
- **Insulation Resistance Range** 0.01MΩ ~ 200GΩ , ±3%rdg ± 5dgt
- **Resolution** 0.01MΩ
- **DC Voltage Range:** 0~1000V, Resolution: 0.1V
- **AC Voltage Range** 0~750V, Resolution: 0.1V
- **Shore Circuit Current** 1mA(2500V) Approx
- **Absorption ratio and the polarization index** Support
- **Batteries** Alkaline battery 1.5V (LR14)\*6pcs
- **LCD Backlight** Large LCD gray backlight
- **Display** 4 Digit large LCD, gray-black backlight, Suitable for dark places
- **LCD Size:** 108mm×65mm
- **Product Size** 240mm(L)×188mm(W) ×85mm(H)
- **Test Wires** High Voltage Test Wires: Red Wire\*1m, Black\*1m, Green\*1m
- **Data Storge** 500Sets, Flashing Display "FULL" indicates that the storage is full
- **Data access function** "MR" symbol display
- **Overflow display** Super range overflow function: "OL" symbol display
- **Alarm function** the alarm Prompt when the measured data exceeds the alarm set value,
- **Power consumption Standby:** Max 40mA (backlight off), Turn on the backlight: Max 43mA, 80mA Max(backlight off)
- **Weight** 1230g
- **Low Battery** Shows "  "
- **Auto-Power Off** Instrument does not operate for 15 minutes
- **Insulation Resistance** ≥50MΩ (1000V)
- **Voltage Resistance** AC3kV/50Hz 1min
- **Working temperature and humidity** -10°C ~ +50°C < 85%RH
- **Storge temperature and humidity** -15°C ~ +55°C < 85%RH
- **Safety Apply to** IEC61010-1、IEC1010-2-31、IEC61557-1,5、IEC60529(IP54)、CAT III 300V
- **Spare Parts** Host\*1, Test Wire\*3(Red, Black, Green), Battery: 1.5V\*6pcs, User Manual\*1, Packing box\*1

## MEWOI6035-High Accuracy H/V High Voltage Insulation Resistance Tester/Meter

### Main Features :

**MEWOI6035** digital insulation resistance tester, also known as ohmmeter, high-voltage insulation resistance meter for insulation resistance test. The instrument has a large screen LCD gray backlight display, data storage, data access, alarm, automatic discharge, charging, automatic shutdown and other functions. At the same time, it also has the function of measuring DC voltage AC voltage absorption ratio and polarization index function. The machine has the advantages of beautiful appearance, wide measuring range, high resolution, convenient operation, convenient carrying, accuracy, reliability, stable performance, large output power and strong anti-interference ability.

**MEWOI6035** is with shockproof, dustproof and damp proof structure, adapt to the harsh working environment, it is a commonly used and necessary instrument of telecommunications, electricity, meteorology, room, oil field, mechanical and electrical installation and maintenance, and use of power as an industrial power or energy sector industrial enterprises. The utility model is suitable for measuring the insulation resistance value of various insulating materials, transformers, motors, cables, electrical equipment, etc..

**MEWOI6035** digital insulation resistance meter consists of medium and large scale integrated circuit. Its output power is large, which has more than 6. Rated insulation test voltage range 100V ~ 5kV, insulation resistance measurement range of 0.01M to 1000G ohm. DC voltage measurement range of 0 ~ 1000V, AC voltage measurement range of 0 ~ 750V.



### Technical Specification:

- **Function** Insulation resistance test, voltage test
- **The reference condition** 23℃±5℃, <75%rh
- **Rated voltage (V)** 100; 250; 500; 1000; 2500; 5000V, Accuracy ±3%rdg±5dgt
- **Measurement voltage (V)** Rated voltage (V)× (1±10%)
- **Insulation resistance range(GΩ)** 0.01MΩ ~ 1000Gohm accuracy + 3%rdg + 5dgt
- **Insulation resistance resolution** 0.01MΩ
- **DC voltage range** 0 ~ 1000V **DC voltage resolution** 0.1V **AC voltage range** 0 ~ 750V **AC voltage resolution** 0.1V
- **Output short-circuit current** ≥3mA(5000V) **Absorption ratio and polarization index:** Support
- **Power Supply** 12V rechargeable battery **Backlight** controllable gray screen backlight, suitable for the use of dark
- **Display** 4 large LCD display, gray screen backlight
- **LCD Size:** 108mm×65mm
- **Meter size :** Meter size 240mm (L) \* 188mm (W) \* 85mm (high)
- **Test Wires** The test of high voltage bar red 3M, 1.5M high test black line, green line 1.5M
- **Data storage** 500sets, flashing display "FULL" symbol indicates that the storage is full
- **USB Interface** software monitoring, storage data can be uploaded to the computer, save print **USB communication cable** 1pc
- **Data Access** "READ" symbol display **Overflow function:** "OL" symbol display
- **Alarm function** measurement value exceeds alarm set value alarm prompt
- **Power standby** 30mA Max (backlight off), Boot backlight: 42mA Max, Measurement: 200mA Max (backlight off)
- **Display Mode** 4-digital super-large LCD display, blue screen backlight
- **Weight** 2.72KG **Battery Voltage** display low power symbol"  " when battery voltage is low
- **Automatic shutdown** Automatic shutdown when instrument no operation for 15 minutes
- **Insulation Resistance** ≥50MΩ (between the measuring circuit and the casing)
- **Pressure Resistance** AC3kV/50Hz 1min
- **Working Temperature and humidity:** -10℃ ~ +50℃ <85%RH **Storage temperature and humidity** -15℃ ~ +55℃ <90%RH
- **Apply to Safety Protocols:** IEC61010-1, IEC1010-2-31, IEC61557-1,5, IEC60529 (IP54), pollution 2, CAT III 300V
- **Packing:** Host\*1, High Voltage Bar\*1(Red), High Voltage Test Wire(Black\*1, Green\*1), Monitoring software CD\*1, USB Cable\*1, Charger\*1, Manual\*1, Carrying Box\*1



## MEWOI6035H-High Accuracy H/V High Voltage Insulation Resistance Tester/Meter

### Main Features :

**MEWOI6035H** digital insulation resistance tester, also known as ohmmeter, high-voltage insulation resistance meter for insulation resistance test. The instrument has a large screen LCD gray backlight display, data storage, data access, alarm, automatic discharge, charging, automatic shutdown and other functions. At the same time, it also has the function of measuring DC voltage AC voltage absorption ratio and polarization index function. The machine has the advantages of beautiful appearance, wide measuring range, high resolution, convenient operation, convenient carrying, accuracy, reliability, stable performance, large output power and strong anti-interference ability.

**MEWOI6035H** is with shockproof, dustproof and damp proof structure, adapt to the harsh working environment, it is a commonly used and necessary instrument of telecommunications, electricity, meteorology, room, oil field, mechanical and electrical installation and maintenance, and use of power as an industrial power or energy sector industrial enterprises. The utility model is suitable for measuring the insulation resistance value of various insulating materials, transformers, motors, cables, electrical equipment, etc..

**MEWOI6035H** digital insulation resistance meter consists of medium and large scale integrated circuit. Its output power is large, which has more than 6. Rated insulation test voltage range 250V ~ 10kV, insulation resistance measurement range of 0.01M to 1000G ohm. DC voltage measurement range of 0 ~ 1000V, AC voltage measurement range of 0 ~ 750V.



### Technical Specification:

- **Function** Insulation resistance test, voltage test
- **The reference condition** 23℃±5℃, <75%rh
- **Rated voltage (V)** 250; 500; 1000; 2500; 5000V,10KV, Accuracy ±3%rdg±5dgt
- **Measurement voltage (V)** Rated voltage (V)× (1±10%)
- **Insulation resistance range(GΩ)** 0.01MΩ ~ 1000Gohm accuracy + 3%rdg + 5dgt
- **Insulation resistance resolution** 0.01MΩ
- **DC voltage range** 0 ~ 1000V **DC voltage resolution** 0.1V **AC voltage range** 0 ~ 750V **AC voltage resolution** 0.1V
- **Output short-circuit current** ≥3mA(10KV) **Absorption ratio and polarization index:** Support
- **Power Supply** 12V rechargeable battery **Backlight** controllable gray screen backlight, suitable for the use of dark
- **Display** 4 large LCD display, gray screen backlight
- **LCD Size:** 108mm×65mm
- **Meter size :** Meter size 240mm (L) \* 188mm (W) \* 85mm (high)
- **Test Wires** The test of high voltage bar red 3M, 1.5M high test black line, green line 1.5M
- **Data storage** 500sets, flashing display "FULL" symbol indicates that the storage is full
- **USB Interface** software monitoring, storage data can be uploaded to the computer, save print **USB communication cable** 1pc
- **Data Access** "READ" symbol display **Overflow function:** "OL" symbol display
- **Alarm function** measurement value exceeds alarm set value alarm prompt
- **Power standby** 30mA Max (backlight off), Boot backlight: 42mA Max, Measurement: 200mA Max (backlight off)
- **Display Mode** 4-digital super-large LCD display, blue screen backlight
- **Weight** 2.72KG **Battery Voltage** display low power symbol "  " when battery voltage is low
- **Automatic shutdown** Automatic shutdown when instrument no operation for 15 minutes
- **Insulation Resistance** ≥50MΩ (between the measuring circuit and the casing)
- **Pressure Resistance** AC3kV/50Hz 1min
- **Working Temperature and humidity:** -10℃~+50℃<85%RH **Storage temperature and humidity** -15℃~+55℃<90%RH
- **Apply to Safety Protocols:** IEC61010-1, IEC1010-2-31, IEC61557-1,5, IEC60529 (IP54), pollution 2, CAT III 300V
- **Packing:** Host\*1, High Voltage Bar\*1(Red), High Voltage Test Wire(Black\*1, Green\*1), Monitoring software CD\*1, USB Cable\*1, Charger\*1, Manual\*1, Carrying Box\*1

## MEWOI4200-0.01 $\Omega$ ~ 30.00K $\Omega$ AC 600A Double Clamp Earth Ground Resistance Tester

### Main Features :

**MEWOI4200** Double Clamp Grounding Resistance Tester is specially design for the measurement of earth resistance, soil resistivity, earth voltage, leakage current of grounding line, AC current, DC resistance. Adopting the latest digital technology, precise 4-pole, 3-pole and simple 2-pole method, selection method, double clamp method to measure grounding resistance, for earth resistance measurement; large caliber clamp design, can use to measure the grounding system which adopt large-scale down conductor; can flexibly and precisely measure the value of grounding resistance in every complicated situation like single point grounding, grounding mesh; it is not need to disconnect any parallel connection pole when measuring parallel-grounding, and massively improve the convenience when measuring. Importing FFT and AFC technology, with a unique function of anti-interference capability and the ability to adapt to the environment, consistency of repeat testing, to ensure high precision, high stability and reliability for prolonged measure, which is widely used in electric power, telecommunications, meteorology, oil field, construction, lightning protection, industrial electrical equipment and other earth resistance, soil resistivity, earth voltage, AC voltage measurement.



**MEWOI4200** Double Clamp Grounding Resistance Tester is composed of host machine, monitoring software, testing wires, auxiliary ground pillars, communication wires and others. The large LCD display of host machine is with blue backlight and bar graph indicating that can be seen clearly. At the same time it can store 2000 sets of data, fulfilling historical inquiry and online real-time monitoring through monitoring software, dynamic display, and alarm indicator, auto-shut down and with the functions like historical data access, reading, preservation, report forms, printing and so on.

### Technical Specification:

- **Function** 4-pole, 3-pole and simple 2-pole, selection, double clamp method measure grounding resistance, soil resistivity; Measurement of earth voltage, AC voltage, leakage current of AC current
- **Power Supply** DC 9V(Zn-Mn dry battery R14S 1.5V 6 PCS, continuous standby for 300 hours )
- **Caliber of clamp**  $\Phi$  68mm
- **Measurement Range** Selection method: 0.00 $\Omega$ -3000 $\Omega$
- **Double clamp method:** 0.00 $\Omega$ -9000k $\Omega$ , 2/3/4 pole method: 0.00 $\Omega$ ~30.00k $\Omega$ , Soil resistivity: 0.00 $\Omega$ ~9000k $\Omega$ , DC resistance: 0.00 $\Omega$ ~30.00k $\Omega$ 
  - ◆ Earth voltage: 0.0V~100.0V AC current: 0.00mA~600A
- **Measuring Mode** Precise 4-pole measurement, 3-pole measurement, simple 2-pole measurement, selection method, double clamp method measure grounding resistance
- **Measuring Method** 2/3/4 pole method: change-pole method, measurement current 20mA Max, Selection method: change-pole method, measurement current
  - 20mA Max, Double clamp method: disconnect mutual inductance method, measurement current 1mA Max, Soil Resistivity: 4-pole measurement (Wenner method), Earth Voltage: average rectification(between P(S)-ES), AC current: mutual inductance method
- **Test Frequency** 128Hz/111Hz/105Hz/94Hz(AFC)
- **Short-circuit Test Current** AC 20mA max
- **Open-circuit Test Current** AC 40V max
- **Test Voltage Wave** Sine wave
- **Electrode Distance Range** Can be set 1m-100m
- **Shift** automatic shift
- **Backlight** Blue screen backlight, suitable for dim places
- **Display Mode** 4-digital super-large LCD display, blue screen backlight
- **Measuring Indicator** During measurement, LED flash indicator, LCD countdown display, progress bar indicator

- **LCD Frame Dimension** 128mm×75mm
- **LCD Window Dimension** 124mm×67mm
- **Dimension** L×W×H: 215mm×190mm×95mm
- **Standard Test Wire** 4 wires: each for red 20m, black 20m, yellow 10m, and green 10m
  
- **Simple Test Wire** 2 wires: each for red 1.6m and black 1.6m
- **Auxiliary Earthing Rod** 4 wires: Φ10mm×150mm Over 5000 times (Short-circuit test, interval time should be at least 30 seconds)
- **Measuring Rate** Voltage to ground: about 2 times/second, Current to ground: about 2 times/second Earth resistance, soil resistivity: about 5 seconds/time
- **Measuring Times** Over 5000 times (Short-circuit test, interval time should be at least 30 seconds)
- **RS232 Interface** RS232 interface, software supervision, storage data can be uploaded to computer, saved or printed.
- **Communication Wire** One piece of RS232 communication wire, with length 1.5m
- **Data Storage** 2000 sets, “MEM” icon storage indicator, flash display “FULL” icon to indicate storage is full
- **Data Hold** Data hold function: “HOLD” icon display
- **Data Read** Data read function: “READ” icon display
- **Overflow Display** Exceeding measuring range overflow function: “OL” icon display
- **Interference Test** Recognize interference signal automatically, “NOISE” icon display when interference voltage exceed 5V
- **Auxiliary Earthing Test** Can measure auxiliary earth resistance, 0.00KΩ-30kΩ(100R+rC<50kΩ, 100R+rP<50kΩ)
- **Alarm Function** When measuring value exceeds alarm setting value, there is “Toot-toot-toot” alarm hint
- **Battery Voltage** When battery voltage decreases to about 7.5V, battery voltage low icon will display, reminding to replace battery.
- **Auto-shut off** Automaticly shut down 15minutes after booting
- **Power Consumption** Standby: about 20mA (Backlight shut off), Boot and with backlight: about 45mA (25mA without backlight)
  - Measurement: about 100mA (Backlight shut off)
- **Weight** Total weight: 8.0kg (including package), Tester: 1653g (including battery), Testing wires: 1560g, Auxiliary earthing rods: 935g (4pcs)
- **Working Temperature & Humidity** -10℃-40℃, below 80%rh
- **Storage temperature & humidity** -20℃-60℃, below 70%rh
- **Overload Protection** Measuring earth resistance: between each interfaces of C(H)-E、P(S)-ES, AC 280V/3 seconds
- **Insulation Resistance** Over 20MΩ (between circuit and enclosure it is 500V)
- **Withstanding Voltage** AC 3700V/rms. (Between circuit and enclosure)
- **Electromagnetic Features** IEC61326(EMC)
- **Protection Type** IEC61010-1 (CAT III 300V、CAT IV 150V、Pollution 2), IEC61010-031, IEC61557-1 (Earth resistance), IEC61557-5 (Soil resistivity), JJG 366-2004Storage temperature and humidity -15℃~+55℃<85%RH

## MEWOI4000-Earth Ground Resistance Tester

### Main Features :

**MEWOI4000** Digital Earth Resistance Tester is specially designed and manufactured for field measurement, adopting the latest digital and micro-processing technology, 3-pole or 2-pole method for earth resistance measurement, with a unique function of wire resistance verification, anti-interference capability and the ability to adapt to the environment, to ensure high precision, high stability and reliability for prolonged measure, which is widely used in electric power, telecommunications, meteorology, oil field, construction, lightning protection, industrial electrical equipment and other earth ground resistance measurement.

**MEWOI4000** Digital Earth Resistance Tester has a unique function of wire resistance verification, more accurate on measuring on-site low value earth ground resistance, which can avoid error caused by resistance change due to prolonged usage of testing wire; avoid error caused by testing wire that is failed to be fully inserted into tester interface or by poor contact; avoid error caused by users' replacing or lengthening testing wires.

**MEWOI4000** Digital Earth Resistance Tester is composed of host machine, monitoring software, testing wires, communication wires and others. The large LCD display of host machine is with blue backlight and bar graph indicating that can be seen clearly. At the same time it can store 400 sets of data, fulfilling historical inquiry and online real-time monitoring through monitoring software, dynamic display, with the maximum, minimum, and mean indicators, with alarm settings and alarm indicator, and with the functions like historical data access, reading, preservation, report forms, printing and so on.



### Technical Specification:

- **Function** Earth ground resistance measurement, voltage to ground measurement, low value resistance measurement
- **Power Supply** DC 9V(Zi-Mn dry battery R14S 1.5V 6 PCS, continuous standby for 300 hours )
- **Backlight** Controllable blue backlight, suitable for use in dark place.
- **Measuring Mode** Precise 3-pole measurement, simple 2-pole measurement
- **Measuring Method** Earth ground resistance: rated current change-pole method, measurement current 3mA Max,820Hz;Voltage to ground: average value rectification  
**Data Mode** Average value, maximum, minimum
- **Wire Resistance Verification** Avoid error caused by testing wire that is failed to be fully inserted into tester interface or by poor contact or by users' replacing or lengthening testing wires, making it more accurate for earth ground resistance measurement.
- **Display Mode** 4-digital super-large LCD display, blue screen backlight **Measuring indicator** During measurement, LED flash indicator, LCD count down display
- **LCD Dimension** 128mm×75mm;Display field:124mm×67mm **Dimension** L×W×H: 215mm×190mm×95mm
- **Testing Wires** Three wires: each for Red 20m, Yellow 10m, and Green 5m **Simple Testing Wire** 2 wires: each for Red 1.6m and Green 1.6m
- **Auxiliary grounding rod** 2 PCS:Φ10mm×150mm **Measuring Rate** Voltage to ground: about 3 times/second; earth ground resistance: about 5 seconds/time
- **Measuring Times** Over 5000 times (Measuring 10Ω for one time on 20Ω range and take a pause for 25s)
- **Circuit Voltage** Measuring voltage to ground: measuring below AC 600V
- **RS232 Interface** Possess RS232 interface, software supervision, storage data can be uploaded to computer, saved or printed.
- **Communication Wire** One piece of RS232 communication wire, with length 1.5m **Data Storage** 400 sets, flash display "FULL" icon to indicate storage is full
- **Data Hold** Data hold function: "HOLD" icon display **Data Read** Data read function: "READ" icon display
- **Overflow Display** Exceeding measuring range overflow function: "OL" icon display
- **Alarm Function** When measuring value exceeds alarm setting value, there is "Toot-toot-toot" alarm hint
- **Battery Voltage** When battery voltage decreases to about 7.8V, battery voltage low icon will display, reminding to replace battery.
- **Power Consumption** Backlight:25mA Max **Standby:** 25mA Max(Backlight shut off)
- **Measurement:** 70mA Max(Backlight shut off) **Weight** Tester: 1443g(including battery)
- **Working Temperature & Humidity** -10℃~40℃;below 80%rh **Storage temperature & humidity** -20℃~60℃;below 70%rh
- **Overload Protection** Measuring earth ground resistance: between each interfaces of E-P,E-C, AC 280V/3 seconds
- **Insulation Resistance** Over 10MΩ(between circuit and enclosure it is 500V) **Withstanding Voltage** AC 3700V/rms (Between circuit and enclosure)
- **Electromagnetic Features** Wireless frequency electromagnetic field
- **Protection Type** IEC61010-1,IEC1010-2-31,IEC61557-1,5,IEC60529(IP54),Pollution etc. 2,CAT III 300V
- **Accessories** Tester:1 pc; Ground rod:2 pcs; Testing wire: 3 pcs ;Simple testing wire: 2 pcs; RS232 line:1 pc; Software disk: 1 pc; Tester bag:1 pc

## MEWOI4000C-Earth Ground Resistance/Soil resistivity Tester

### Main Features :

**MEWOI4000C** Earth Resistance Soil Resistivity Tester is specially designed and manufactured for measuring earth resistance, soil resistivity, earth voltage, AC voltage. Adopting the latest digital and micro-processing technology, precise 4-pole, 3-pole and simple 2-pole method for earth resistance measurement, importing FFT and AFC technology, with a unique function of anti-interference capability and the ability to adapt to the environment, consistency of repeat testing, to ensure high precision, high stability and reliability for prolonged measure, which is widely used in electric power, telecommunications, meteorology, oil field, construction, lightning protection, industrial electrical equipment and other earth resistance, soil resistivity, earth voltage, AC voltage measurement.

**MEWOI4000C** Earth Resistance Soil Resistivity Tester is composed of host machine, monitoring software, testing wires, auxiliary ground pillars, communication wires and others. The large LCD display of host machine is with blue backlight and bar graph indicating that can be seen clearly. At the same time it can store 300 sets of data, fulfilling historical inquiry and online real-time monitoring through monitoring software, dynamic display, alarm indicator, and with the functions like historical data access, reading, preservation, report forms, printing and so on.



### Technical Specification:

- **Function** Measurement of 2/3/4-pole earth resistance, soil resistivity, earth voltage, AC voltage
- **Power Supply** DC 9V(Zi-Mn dry battery R14S 1.5V 6 PCS, continuous standby for 300 hours )
- **Measurement Range** Earth Resistance: 0.00Ω-30.00kΩ, Soil Resistivity: 0.00Ωm-9000kΩm
- **Measuring Mode** Precise 4-pole measurement, 3-pole measurement, simple 2-pole measurement
- **Measuring Method** Earth Resistance: rated current change-pole method, measurement current 20mA Max
  - ◆ Soil Resistivity: 4-pole measurement (Wenner method), Earth Voltage: average rectification(between P(S)-ES)
- **Test Frequency** 128Hz/111Hz/105Hz/94Hz(AFC), **Short-circuit Test Current** AC 20mA max
- **Open-circuit Test Current** AC 40V max, **Test Voltage Wave** Sine wave, **Electrode Distance Range** Can be set 1m-100m
- **Shift** Earth resistance: 0.00Ω-30.00kΩ, automatic shift, Soil Resistivity: 0.00Ωm-9000kΩm, automatic shift
- **Backlight** Blue screen backlight, suitable for dim places, **Display Mode** 4-digital super-large LCD display, blue screen backlight
- **Measuring Indicator** During measurement, LED flash indicator, LCD count down display, progress bar indicator
- **LCD Frame Dimension** 128mm×75mm, **LCD Window Dimension** 124mm×67mm, **Dimension** L×W×H: 215mm×190mm×95mm
- **Standard Test Wire** 4 wires: each for red 20m, black 20m, yellow 10m, and green 10m
- **Simple Test Wire** 2 wires: each for red 1.6m and black 1.6m
- **Auxiliary Earthing Rod** 4 wires: Φ10mm×150mm
- **Measuring Rate** Voltage to ground: about 3 times/second Earth resistance, soil resistivity: about 5 seconds/time
- **Measuring Times** Over 5000 times (Short-circuit test, interval time should be at least 30 seconds)
- **Circuit Voltage** below AC 600V
- **RS232 Interface** Possess RS232 interface, software supervision, storage data can be uploaded to computer, saved or printed.
- **Communication Wire** One piece of RS232 communication wire, with length 1.5m
- **Data Storage** 300 sets, "MEM" icon storage indicator, flash display "FULL" icon to indicate storage is full
- **Data Hold** Data hold function: "HOLD" icon display
- **Data Read** Data read function: "READ" icon display
- **Overflow Display** Exceeding measuring range overflow function: "OL" icon display
- **Interference Test** Recognize interference signal automatically, "NOISE" icon display when interference voltage exceed 5V
- **Auxiliary Earthing Test** Can measure auxiliary earth resistance, 0.00KΩ-30kΩ(100R+rC<50kΩ, 100R+rP<50kΩ)
- **Alarm Function** When measuring value exceeds alarm setting value, there is "Toot-toot-toot" alarm hint
- **Battery Voltage** When battery voltage decreases to about 7.5V, battery voltage low icon will display, reminding to replace battery.
- **Power Consumption** Standby: about 20mA (Backlight shut off), Boot and with backlight: about 45mA (25mA without backlight)
  - Measurement: about 100mA (Backlight shut off)
- **Weight** Total weight: 4.5kg (including package), Tester: 1443g (including battery), Auxiliary earthing rods: 935g (4pcs)



## MEWOI4600 Intelligent Equipotent Tester

Equal potentials connection resistance test among metal components, low value resistance test, resistance test on connecting conductors among earth poles of earth mat, contact resistance test and so on. Range:0.01Ω~40Ω;Resolution:0.0001Ω;Data memory: 6000 sets

**MEWOI4600** Intelligent Equipotent Tester is a special meter designed for testing coupling quality of equal potentials among metal components in buildings (lightning-protection zone, grade beam, conformation, safeguard, floor reinforcing bar, water pipe, radiator, toilet, kitchen and other objects), also used for measuring resistance of connecting conductors between varied electric equipments and earth pole of earth mat, as well as measuring contact resistance of switch, socket contactor, and other low value resistance, with Micro-Ohmmeter function. It is widely used in construction quality inspection station, supervision company, construction operation unit, lightning-protection company, electric power department and etc.

**MEWOI4600** Intelligent Equipotent Tester is composed of host machine, monitoring software, testing wires, communication wires and others. The LCD display of host machine is with English operation interface that can be seen clearly. At the same time it has super large storage space that can store 6000 sets of data. Monitoring software has the functions of online real-time monitoring and historical inquiry, dynamic display, with the maximum, minimum, and mean indicators, with alarm settings and alarm indicator, and with the functions like historical data access, reading, preservation, report forms, printing and so on.



### Technical Specification:

**Function** Equal potentials connection resistance test among metal components, low value resistance test, resistance test on connecting conductors among earth poles of earth mat, contact resistance test and so on.

**Power Supply** DC6V 1.2Ah Chargeable accumulator

**Power** Test Power≤10W; Maximum work current≤1A

**Testing Method** 2-Route A/D Inspect simultaneously

**Measuring Range** 0.01Ω~40Ω

**Display rate** 0.0001Ω

**Measuring Accuracy** 0.1Ω~40Ω, ≤1%·Rx (Rx is tested resistance value) 0.01Ω~0.1Ω, ≤10%·Rx

**Measuring Rate** 3 seconds/time

**Data Storage** 6000 Sets (Data stored in the memory will not lose when shutoff or replace battery)

**Alarm Hint** When measuring value exceeds alarm settings value, there is "Toot-toot-toot" alarm hint

**Testing Wire Length** 5 Meters/PC (It can be lengthened according to spot distance)

**Display Mode** LCD: 128dots×64dots; Display area: 44mm×27mm

**Host Machine Dimension** 205mm×200mm×85mm

**Weight** 1.2kg

**Circuit Voltage** Try to avoid

**Overflow Display** Exceeding measuring range overflow function: "OL"icon display

**Battery Voltage** When battery voltage decreases to about 5V, battery voltage low icon will display

**Working temperature & humidity** -10°C~40°C; below 80%rh

**Storage temperature & humidity** -10°C~60°C; below 70%rh

**Accessories** Tester: 1PC; Testing Wire: 2PCS; RS232 Communication Wire: 1PC;Monitoring

Software Disc: 1PC; Charger: 1PC; Packing Bag: 1PC



## MEWOI3800P Built-in earth resistance online tester

**MEWOI3800P** built-in grounding resistance tester is designed specifically for online monitoring connection status of ground lead, loop grounding resistance, metal loop resistance. Online testing, non-contact measurement, ground lead through the clamp, without self-test, real-time detection. Provide RS232, RS485 or MODBUS-RTU communication protocol, the sensor and circuit board can be built into the chassis of other equipment, user-friendly secondary development and integration.

**MEWOI3800P** built-in grounding resistance online detector can be used for power transmission tower grounding; underground mine equipment grounding; meteorological lightning protection grounding; petrochemical grounding; communication grounding; transformer/substation grounding; railway facility grounding; construction warehouse grounding; electrical equipment grounding, etc. Can also be used for ground wire, metal cable anti-theft monitoring.

**MEWOI3800P** built-in grounding resistance tester can be installed on a single use, can also be formed into a wired network system or wireless network system.



## SPECIFICATION

**Functions:** Circuit grounding resistance monitoring, metal loop resistance on-line monitoring, ground condition monitoring; ground wire, metal cable anti-theft monitoring.

**Range** 0.01  $\Omega$  ~ 200  $\Omega$

**Resolution** 0.001  $\Omega$

**Output range** 0.00  $\Omega$  ~ 500  $\Omega$

**Accuracy**  $\pm 2\%rdg \pm 3dgt$  (20 $^{\circ}C \pm 5^{\circ}C$ , 70%RH 以下)

**Power Supply** 6VDC ~ 9VDC, 50mA Max.

**Weight** 680g

**Host Size** 110mm $\times$ 80mm $\times$ 55mm

**PCB Size** 166mm $\times$ 56mm $\times$ 20mm

**Ground perforation size** 66mm $\times$ 36mm, Closed Type

**Extend Wire** 1pc, 1Meter (5Cores Wire)

**Single Test Time** About 0.5Second

**PCB Interface** J1, Signal output, power input interface, J2, The connection interface between the Host and PCB

**J1 Identification** P+: Power Output+, P-: Power Input-, GND: signal, Connect with Power Input(P-), R+: Signal Output+, R-: Signal Input-

**J2 Identification** I+, I-current coil interface, U+, U-voltage coil interface, GND: Common ground, Connection Line Identification

Red / brown --- Power input positive; Black - Power input ground; Blue --- RS485 signal is positive; Gray --- RS485 signal is negative;

White --- shield to; (Power input ground and shield can be short-circuit connection)

**Communication Method** RS232, RS485 or MODBUS-RTU communication protocol

**Overflow indication** When the display value is greater than 500 $\Omega$ , the communication sends an "OL $\Omega$ " command

**Working Temperature and Humidity** -20 $^{\circ}C$  ~ 50 $^{\circ}C$ ; below 90%rh

**Storage Temperature and Humidity** -20 $^{\circ}C$  ~ 60 $^{\circ}C$ ; below 70%rh

**Temperature and humidity error** Less than 5%

**External magnetic field** <40A/m

**External electric field** <1V/m

**Installation** The ground wire passes through the center hole of the sensor

**Installation Requirements** Circuit boards need to be placed in other protective box, to avoid rain, flooding installation

**Power consumption** 50mA Max.

**Power supply** External power supply

**Ground interference current** Should be avoided

**Shift** Automatic shift

**Accessories** Sensor: 1 pc; PCB module: 1 pcs; Connection cable: 1 piece



## MEWOI3800C-Non-Contact Earth Ground Resistance Online Tester/Meter

**MEWOI3800C**-Non-Contact Earth Ground Resistance Online Tester is our company devotes ourselves to Grounding resistance test technical research's another new high-tech product for more than ten years. Detector adopts weather fastness material manufacture, temperature resistance, cold-resistant, corrosion prevention, fire prevention. Detector's structure is rigorous and firm, against rain, dustproof, installation and use outdoors. Non-contact measurement, safe and reliable, Ease of installation. Grounding down lead is directly through the detector perforation, Will not affect lightning protection grounding effect and the normal operation of the facilities. Ensure high-accuracy, high stability and high reliability of long time on-line monitoring outdoors, underground mine and indoors.



**MEWOI3800C**-Non-Contact Grounding Resistance Online Detector applies to electric transmission line pole ground connection, underground mine device ground connection, Meteorological lightning protection ground connection, petrochemical engineering ground connection, communication ground connection, rail facility ground connection, building the warehouse ground connection, electrical equipment ground connection etc.. Detector provides power supply and RS485 signal interface, and standard MODBUS-RTU communication protocol. which user can do secondary development to realize remote monitoring.

## SPECIFICATION

**Functions** Loop ground resistance, metallic return connection resistance, grounding conditions on-line monitoring

**Power Supply** 6VDC~9VDC, 50mA Max.

**Resistance Range** 0.01Ω~200Ω

**Resolution** 0.01Ω

**Accuracy**  $\pm 2\%rdg \pm 3dgt(20^{\circ}C \pm 5^{\circ}C, \text{ below } 70\%RH)$

**Grounding Wire Perforation Size** 60mm×30mm, closed mode (60mm×4mm steel flat or external diameterΦ30mm electric cable)

**Connecting Line** A one meter long wire (Scores shielded wire)

**Connection Identifier** Red/brown---power supply input anode.Black--- power supply input cathode Blue---RS485 signal anode.

Grey---RS485 signal cathode. White--- analog grounding (power supply input cathode can connects with analog grounding by short circuit connection).

**Communication Protocol** RS485 standard MODBUS-RTU communication protocol

**Detector Dimensions** 175mm×170mm×130mm

**Installing Screw Hole Size** Φ 8mm

**Weight** Detector:960g

**Working Temperature And Humidity**  $-10^{\circ}C \sim 40^{\circ}C$ ; 20%RH~90%RH

**Humidity and Temperature Error** Within 5%

**Shift** Automatic shift

**GND Interference Current** Prohibited

**External Magnetic Field** <40A/m

**External Electric Field** <1V/m

**Single Measurement Time** About 0.5 second

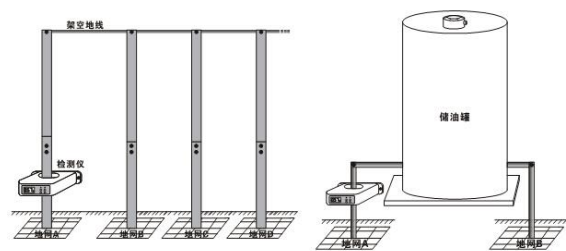
**Power Consumption** 50mA Max.

**Installation** Grounding wire through Detector center bore

**Protection Level** IP65

**Installation Requirements** Avoid rain and water logging

**Power Supply Mode** External power supply (Equipped by user)



## MEWOI3800D-Non-Contact Earth Ground Resistance Online Tester/Meter

**MEWOI3800D** Multifunction Non-Contact Resistance Online Tester is our company devotes ourselves to Grounding resistance test technical research's another new high-tech product for more than ten years. Detector adopts weather fastness material manufacture, temperature resistance, cold-resistant, corrosion prevention, fire prevention. Detector's structure is rigorous and firm, against rain, dustproof, installation and use outdoors. Non-contact measurement, safe and reliable, Ease of installation. Grounding down lead is directly through the detector perforation, Will not affect lightning protection grounding effect and the normal operation of the facilities. Ensure high-accuracy, high stability and high reliability of long time on-line monitoring outdoors, underground mine and indoors.

**MEWOI3800D** Multifunction Non-Contact Resistance Online Tester is equipped with LCD display and alarm light, which can observe grounding resistance value at any times and set the alarm critical val. Alarm light will flash when measured value is beyond pre-set critical value. Detector applies to electric transmission line pole ground connection, underground mine device ground connection, meteorological lightning protection grounding connection, petrochemical engineering ground connection, communication ground connection, rail facility ground connection, building the warehouse ground connection, electrical equipment ground connection etc.. Detector provides power supply and RS485 signal interface, and standard MODBUS-RTU communication protocol, which user can do secondary development to realize remote monitoring.

**MEWOI3800D's** LCD shows measured value directly, also sets up Detector's alarm critical value, and possess audible and visual alarming function, which is very suitable to Independent installation and use when it needn't form a network.



## Specification

**Functions** Loop ground resistance, metallic return connection resistance, grounding conditions on-line monitoring

**Power Supply** 6VDC~9VDC, 50mA Max.

**Resistance Range** 0.01Ω~200Ω

**Resolution** 0.01Ω

**Display Range** 0.00 Ω ~ 500 Ω

**Accuracy** ±2%rdg±3dgt(20℃±5℃, below70%RH)

**Grounding Wire Perforation Size** 60mm×30mm, closed mode (60mm×4mm steel flat or external diameterΦ30mm electric cable)

**Overflow Indication** When show value is beyond 500Ω, systems software and LCD show "OLΩ" sign.

**Connecting Line** A one meter long wire (5cores shielded wire)

**Connection Identifier** Red/brown---power supply input anode; Black--- power supply input cathode. Blue---RS485 signal anode; Grey---RS485 signal cathode; White--- analog grounding (power supply input cathode can connects with analog grounding by short circuit connection)

**Communication Protocol** RS485 standard MODBUS-RTU communication protocol

**Alarm Indication** Detector Audible and visual alarm instructions

**Alarm Setting** Detector panel setting

**Data Display** 4digits LCD direct indication

**LCD Dimensions** 47mm×28.5mm

**Detector Dimensions** 175mm×170mm×130mm

**Installing Screw Hole Size** Φ8mm

**Weight** Detector: 960g

**Working Temperature and Humidity** -10℃~45℃; 20%RH~90%RH

**Humidity and Temperature Error** Within 5%

**Shift** Automatic shift

**GND Interference Current** Prohibited **External Magnetic Field** <40A/m

**External Electric Field** <1V/m **Single Measurement Time** About 0.5 second

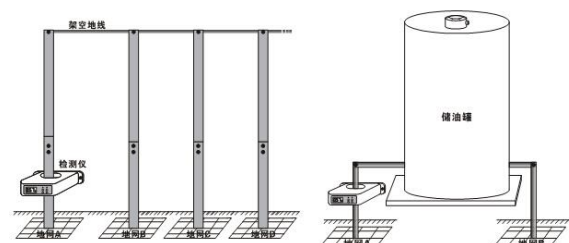
**Power Consumption** 50mA Max.

**Installation** Grounding wire through Detector Centre bore

**Protection Level** IP65

**Installation Requirements** Avoid rain and water logging

**Power Supply Mode** External power supply (Equipped by user)



## MEWOI3800LC—Non—Contact Split core Earth Ground Resistance Online Tester

### Main Features :

1. Loop resistance on-line monitoring, metal loop resistance connection online monitoring, grounding condition monitoring.
2. Resistance Range:  $0.01\Omega \sim 200\Omega$  Resolution  $0.01\Omega$
3. CT Size:  $56\text{mm} \times 26\text{mm}$

### Technical Specification:

- **Functions** Loop resistance on-line monitoring, metal loop resistance connection online monitoring, grounding condition monitoring.
- **Power Supply** Detector: DC6V~ DC9V, 50ma Max.Wired network communication device: 6VDC, 30mA Max. Wireless network communication device: 9VDC, 150mA Max.(GSM)DC3V AA Mn batteries (R6P) ×2 PCS, Continuously working for 200 hours
- **CT Structure** Split Type **CT Size**  $56\text{mm} \times 26\text{mm}$  **Resistance Range**  $0.01\Omega \sim 200\Omega$  **Resolution**  $0.01\Omega$
- **Accuracy**  $\pm 2\% \text{rdg} \pm 3\text{dgt}(20^\circ\text{C} \pm 5^\circ\text{C}, \text{below } 70\%\text{RH})$
- **Overflow Indication** When show value is beyond  $200\Omega$ , systems software show "OL $\Omega$ " sign.
- **Connecting Line** A one meter long wire(5cores shielded wire)
- **Connection Identifier** Red/brown---power supply input anode; Black--- power supply input cathode; Blue---RS485 signal anode; Grey---RS485 signal cathode; White--- Analog grounding (power supply input cathode can connects with analog grounding by short circuit connection)
- **Protocol Standard** Wired network: RS232,RS485 standard communication protocol, Wireless network: RS232、RS485、GSM communication protocol
- **Network Nodes** Wired network: 1~255 grounding points, scalable, Wireless networks: 1~100 grounding points, scalable
- **Communication Distance** Wired network: about 1500 meters, scalable, Wireless networks: Unlimited
- **Alarm Indication** MEWOI3800LC: system software alarm indication,MEWOI3800LD: sound and light alarm and system software alarm
- **Alarm Setting** MEWOI3800LC: system software settings,MEWOI3800LD: tester panel settings, system software settings
- **Data Display** MEWOI3800LC: system software display, MEWOI3800LD: 4 bit LCD direct display, system software display
- **LCD Dimensions**  $47\text{mm} \times 28.5\text{mm}$
- **Detector Dimensions** Detector:  $119\text{mm} \times 118\text{mm} \times 76\text{mm}$ .Wired network communication device:  $140\text{mm} \times 105\text{mm} \times 75\text{mm}$ .Wireless network communication device:  $230\text{mm} \times 160\text{mm} \times 105\text{mm}$
- **Weight** Detector: 1000g.Wired network communication device: 650g.Wireless network communication device: 1300g
- **Working Temperature And Humidity**  $-20^\circ\text{C} \sim 55^\circ\text{C}$ ;20% RH~90% RH **Temperature and humidity error** Within 5% **Shift** Automatic shift
- **GND Interference Current** Prohibited **External Magnetic Field**  $< 40\text{A/m}$  **External Electric Field**  $< 1\text{V/m}$
- **Single Measure Time** About 0.5 second
- **Power Consumption** Detector: DC6V~ DC9V, 50ma Max. Wired network communication device: 6VDC, 30mA Max. Wireless network communication device: 9VDC, 150mA Max.(GSM)
- **Installation** Grounding wire cross Detector center bore
- **Level Of Protection** IP65
- **Power Supply Mode** External power supply (Equipped by user)





## MEWOI3800LD—Non—Contact Split core Earth Ground Resistance Online Tester

### Main Features :

4. Loop resistance on-line monitoring, metal loop resistance connection online monitoring, grounding condition monitoring.
5. Resistance Range:  $0.01\Omega \sim 200\Omega$  Resolution  $0.01\Omega$
6. CT Size: 56mm×26mm

### Technical Specification:

- **Functions** Loop resistance on-line monitoring, metal loop resistance connection online monitoring, grounding condition monitoring.
- **Power Supply** Detector: DC6V~ DC9V, 50ma Max.Wired network communication device: 6VDC, 30mA Max. Wireless network communication device: 9VDC, 150mA Max.(GSM)DC3V AA Mn batteries (R6P) ×2 PCS, Continuously working for 200 hours
- **CT Structure** Split Type **CT Size** 56mm×26mm **Resistance Range**  $0.01\Omega \sim 200\Omega$  **Resolution**  $0.01\Omega$
- **Accuracy**  $\pm 2\% \text{ rdg} \pm 3 \text{ dgt} (20^\circ\text{C} \pm 5^\circ\text{C}, \text{ below } 70\% \text{RH})$
- **Overflow Indication** When show value is beyond 200Ω, systems software and LCD show “OLΩ” sign.
- **Connecting Line** A one meter long wire(5cores shielded wire)
- **Connection Identifier** Red/brown---power supply input anode; Black---power supply input cathode; Blue---RS485 signal anode; Grey---RS485 signal cathode; White--- Analog grounding (power supply input cathode can connects with analog grounding by short circuit connection)
- **Protocol Standard** Wired network: RS232,RS485 standard communication protocol, Wireless network: RS232、RS485、GSM communication protocol
- **Network Nodes** Wired network: 1~255 grounding points, scalable, Wireless networks: 1~100 grounding points, scalable
- **Communication Distance** Wired network: about 1500 meters, scalable, Wireless networks: Unlimited
- **Alarm Indication** MEWOI3800LC: system software alarm indication,MEWOI3800LD: sound and light alarm and system software alarm
- **Alarm Setting** MEWOI3800LC: system software settings,MEWOI3800LD: tester panel settings, system software settings
- **Data Display** MEWOI3800LC: system software display, MEWOI3800LD: 4 bit LCD direct display, system software display
- **LCD Dimensions** 47mm×28.5mm
- **Detector Dimensions** Detector: 119mm×118mm×76mm.Wired network communication device: 140mm×105mm×75mm.Wireless network communication device: 230mm×160mm×105mm
- **Weight** Detector: 1000g.Wired network communication device: 650g.Wireless network communication device: 1300g
- **Working Temperature And Humidity**  $-20^\circ\text{C} \sim 55^\circ\text{C}; 20\% \text{ RH} \sim 90\% \text{ RH}$  **Temperature and humidity error** Within 5% **Shift** Automatic shift
- **GND Interference Current** Prohibited **External Magnetic Field**  $< 40 \text{A/m}$  **External Electric Field**  $< 1 \text{V/m}$
- **Single Measure Time** About 0.5 second
- **Power Consumption** Detector: DC6V~ DC9V, 50ma Max. Wired network communication device: 6VDC, 30mA Max. Wireless network communication device: 9VDC, 150mA Max.(GSM)
- **Installation** Grounding wire cross Detector center bore
- **Level Of Protection** IP65
- **Power Supply Mode** External power supply (Equipped by user)



## MEWOI8000-AC 0.0mA~1200A, 0.00 ~ 600V,High Accuracy Large Caliber

### Leakage Current Clamp Meter

#### Main Features :

**MEWOI8000** Large Caliber Leakage Clamp Meter is well designed and manufactured for measuring AC leakage current, current, voltage, adopt the latest CT technology and digital integrated technology. Its large caliber 80mm×80mm can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires. Full automatically and simultaneously measure one leakage current and three voltages, all the data are displayed in the screen, which is very clear and convenient. The meter is widely used in electric power, communication, meteorology, railway, oil field, architecture, measuring, teaching research unit, industrial mining enterprises, etc.

**MEWOI8000** Large Caliber Leakage Clamp Meter's clamp core is made of special alloy, adopt the latest magnetic shielding techniques, can almost shield the influence from external magnetic field, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement. The meter can store 200 sets of data, with RS232 interface, upload stored data to the computer through the system software, implementing online real-time monitoring, historical inquires, dynamic display. With the function of historical data read, export, print, and backlight, data hold, etc. It is a necessary tool for electrical safety testing.



#### Technical Specification:

- **Function** Measure AC leakage current, current, there-phase, voltage
- **Power** 6V DC(LR6×4 alkaline dry batteries, continuously working for 12 hours)
- **Test Mode** Clamp CT, integral mode
- **Clamp Size** 80mm×80mm(can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires)
- **Current Range** 0.00mA~1200A Current Resolution 0.01mA
- **Voltage Range** AC0.00V~600V Voltage Resolution 0.01V
- **Measurement Accuracy** (23℃±3℃, below 70%RH, measured wire at the center of the clamp)
  - ◆ 0.00mA~300A: ±1.5%±3dgt ,300A~1200A: ±2%±3dgt ,0.00V~600V: ±1.5%±3dgt
- **Measured Wire Position** Measured wire at approximately the geometric center of the clamp
- **Data Storage** 200 sets, "FULL" symbol indicate the memory is full
- **RS232 Interface** With RS232 interface, download data to computer for analysis and management
- **Communication Wire** RS232 communication wire, 1.8m
- **Frequency** 50Hz ,60Hz automatic identification
- **Gear Shift** Automatic shift
- **Sample Rate** About 2 times/second
- **Line Voltage** Below AC 600V line measurement
- **Display Mode**LCD: 128dots×64dots; Display area: 43mm×29mm
- **Meter Size** Length 275mm × Width 145mm × Height 40mm
- **Backlight** Controlled by LIGHT key Data Hold "HOLD" symbol appears
- **Overflow** "OL" symbol appears
- **Automatic Shutdown** Automatically shutdown about 15 minutes after power on to reduce battery consumption
- **Voltage Detection** Low battery symbol appears to remind the replacement of battery when the battery voltage drops below 5.2V.
- **Weight** 1kg(with batteries and accessories)
- **Working Current** 50mA with enabled backlight; 25mA with disabled backlight
- **Working Temperature and Humidity** -10℃~40℃; 80%rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%rh
- **Insulation strength** AC 2kV/rms (between core and shell)
- **Safety Specifications** IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III(600V)
- **Accessories** Main Unit: 1 pc; Test Line: 4 pcs (3 red, 1 black); RS232 Data Line: 1 pc; Disk: 1 pc; Battery: 4 pcs (Alkaline Dry Battery LR6) ; Meter Box: 1 pc; User Manual: 1 pc; Guarantee Card: 1 pc; Certification: 1 pc.

## MEWOI8000B-High Accuracy Large Caliber Leakage Current Clamp Meter

### Main Features :

**MEWOI8000B** Large Caliber Leakage Clamp Meter is well designed and manufactured for measuring AC leakage current, current, voltage, adopt the latest CT technology and digital integrated technology. Its large caliber 80mm×80mm can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires. Full automatically and simultaneously measure one leakage current and three voltages, all the data are displayed in the screen, which is very clear and convenient. The meter is widely used in electric power, communication, meteorology, railway, oil field, architecture, measuring, teaching research unit, industrial mining enterprises, etc.

**MEWOI8000B** Large Caliber Leakage Clamp Meter's clamp core is made of special alloy, adopt the latest magnetic shielding techniques, can almost shield the influence from external magnetic field, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement. The meter can store 200 sets of data, with RS232 interface, upload stored data to the computer through the system software, implementing online real-time monitoring, historical inquires, dynamic display. With the function of historical data read, export, print, and backlight, data hold, etc. It is a necessary tool for electrical safety testing.



### Technical Specification:

- **Function** Measure AC leakage current, current, there-phase, voltage
- **Power** 6V DC(LR6×4 alkaline dry batteries, continuously working for 12 hours)
- **Test Mode** Clamp CT, integral mode
- **Clamp Size** 80mm×80mm(can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires)
- **Current Range** AC 0.00mA~2000A Current Resolution 0.01mA
- **Voltage Range** AC0.00V~600V Voltage Resolution 0.01V
- **Measurement Accuracy** (23℃±3℃, below 70%RH, measured wire at the center of the clamp)
  - ◆ 0.00mA~300A: ±1.5%±3dgt ,300A~1200A: ±2%±3dgt , 1200A~2000A: ±3%±3dgt, 0.00V~600V: ±1.5%±3dgt
- **Measured Wire Position** Measured wire at approximately the geometric center of the clamp
- **Data Storage** 200 sets, "FULL" symbol indicate the memory is full
- **RS232 Interface** With RS232 interface, download data to computer for analysis and management
- **Communication Wire** RS232 communication wire, 1.8m
- **Frequency** 50Hz ,60Hz automatic identification
- **Gear Shift** Automatic shift
- **Sample Rate** About 2 times/second
- **Line Voltage** Below AC 600V line measurement
- **Display ModeLCD:** 128dots×64dots; Display area: 43mm×29mm
- **Meter Size** Length 275mm × Width 145mm × Height 40mm
- **Backlight** Controlled by LIGHT key Data Hold "HOLD" symbol appears
- **Overflow** "OL" symbol appears
- **Automatic Shutdown** Automatically shut down about 15 minutes after power on to reduce battery consumption
- **Voltage Detection** Low battery symbol appears to remind the replacement of battery when the battery voltage drops below 5.2V.
- **Weight** 1kg(with batteries and accessories)
- **Working Current** 50mA with enabled backlight; 25mA with disabled backlight
- **Working Temperature and Humidity** -10℃~40℃; 80%rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%rh
- **Insulation strength** AC 2kV/rms (between core and shell)
- **Safety Specifications** IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III(600V)
- **Accessories** Main Unit: 1 pc; Test Line: 4 pcs (3 red, 1 black); RS232 Data Line: 1 pc; Disk: 1 pc; Battery: 4 pcs (Alkaline Dry Battery LR6) ; Meter Box: 1 pc; User Manual: 1 pc; Guarantee Card: 1 pc; Certification: 1 pc.

## MEWOI8000C-High Accuracy Large Caliber Leakage Current Clamp Meter

### Main Features :

**MEWOI8000C** Large Caliber Leakage Clamp Meter is well designed and manufactured for measuring AC leakage current, current, voltage, adopt the latest CT technology and digital integrated technology. Its large caliber 80mm×80mm can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires. Full automatically and simultaneously measure one leakage current and three voltages, all the data are displayed in the screen, which is very clear and convenient. The meter is widely used in electric power, communication, meteorology, railway, oil field, architecture, measuring, teaching research unit, industrial mining enterprises, etc.

**MEWOI8000C** Large Caliber Leakage Clamp Meter's clamp core is made of special alloy, adopt the latest magnetic shielding techniques, can almost shield the influence from external magnetic field, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement. The meter can store 200 sets of data, with RS232 interface, upload stored data to the computer through the system software, implementing online real-time monitoring, historical inquires, dynamic display. With the function of historical data read, export, print, and backlight, data hold, etc. It is a necessary tool for electrical safety testing.



### Technical Specification:

- **Function** Measure AC leakage current, current, there-phase, voltage
- **Power** 6V DC(LR6×4 alkaline dry batteries, continuously working for 12 hours)
- **Test Mode** Clamp CT, integral mode
- **Clamp Size** 80mm×80mm(can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires)
- **Current Range** AC 0.0A~2500A Current Resolution 0.1A
- **Voltage Range** AC0.00V~600V Voltage Resolution 0.01V
- **Measurement Accuracy** (23℃±3℃, below 70%RH, measured wire at the center of the clamp) 0.00mA~300A: ±1.5%±3dgt ,300A~1200A: ±2%±3dgt , 1200A~2500A, 0.00V~600V: ±1.5%±3dgt
- **Measured Wire Position** Measured wire at approximately the geometric center of the clamp
- **Data Storage** 200 sets, "FULL" symbol indicate the memory is full
- **RS232 Interface** With RS232 interface, download data to computer for analysis and management
- **Communication Wire** RS232 communication wire, 1.8m
- **Frequency** 50Hz ,60Hz automatic identification
- **Gear Shift** Automatic shift
- **Sample Rate** About 2 times/second
- **Line Voltage** Below AC 600V line measurement
- **Display Mode**LCD: 128dots×64dots; Display area: 43mm×29mm
- **Meter Size** Length 275mm × Width 145mm × Height 40mm
- **Backlight** Controlled by LIGHT key Data Hold "HOLD" symbol appears
- **Overflow** "OL" symbol appears
- **Automatic Shutdown** Automatically shut down about 15 minutes after power on to reduce battery consumption
- **Voltage Detection** Low battery symbol appears to remind the replacement of battery when the battery voltage drops below 5.2V.
- **Weight** 1kg(with batteries and accessories)
- **Working Current** 50mA with enabled backlight; 25mA with disabled backlight
- **Working Temperature and Humidity** -10℃~40℃; 80%rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%rh
- **Insulation strength** AC 2kV/rms (between core and shell)
- **Safety Specifications** IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III(600V)
- **Accessories** Main Unit: 1 pc; Test Line: 4 pcs (3 red, 1 black); RS232 Data Line: 1 pc; Disk: 1 pc; Battery: 4 pcs (Alkaline Dry Battery LR6) ; Meter Box: 1 pc; User Manual: 1 pc; Guarantee Card: 1 pc; Certification: 1 pc.

## MEWOI8100- AC 0.0mA~3200A, 0.00 ~ 600V Super Large High Accuracy Leakage Current Clamp Meter

### Main Features :

**MEWOI8100** Large Caliber Leakage Clamp Meter is well designed and manufactured for measuring AC leakage current, current, voltage, adopt the latest CT technology and digital integrated technology. Its large caliber 80mm×80mm can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires. Full automatically and simultaneously measure one leakage current and three voltages, all the data are displayed in the screen, which is very clear and convenient. The meter is widely used in electric power, communication, meteorology, railway, oil field, architecture, measuring, teaching research unit, industrial mining enterprises, etc.

**MEWOI8100** Large Caliber Leakage Clamp Meter's clamp core is made of special alloy, adopt the latest magnetic shielding techniques, can almost shield the influence from external magnetic field, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement. The meter can store 200 sets of data, with RS232 interface, upload stored data to the computer through the system software, implementing online real-time monitoring, historical inquiries, dynamic display. With the function of historical data read, export, print, and backlight, data hold, etc. It is a necessary tool for electrical safety testing.



### Technical Specification:

- **Function** Measure AC leakage current, current, three-phase, voltage
- **Power** 6V DC(LR6×4 alkaline dry batteries, continuously working for 12 hours)
- **Test Mode** Clamp CT, integral mode
- **Clamp Size** 108mm×148mm (can clamp electric cable of 108mm diameter, or 160mm×4mm flat cable and steel earth wires)
- **Current Range** AC 0.0mA~3200A      Current Resolution    0.1mA
- **Voltage Range** AC0.00V~600V      Voltage Resolution 0.01V
- **Measurement Accuracy** (23℃±3℃, below 70%RH, measured wire at the center of the clamp) AC 0.0mA~499A ±2%±5dgt, AC 500A~999A ±3%±5dgt, AC 1000A~3200A ±4%±5dgt
- **Measured Wire Position** Measured wire at approximately the geometric center of the clamp
- **Data Storage** 99 sets, "FULL" symbol indicate the memory is full
- **RS232 Interface** With RS232 interface, download data to computer for analysis and management
- **Communication Wire** RS232 communication wire, 1.8m
- **Frequency** 50Hz, 60Hz automatic identification
- **Gear Shift** Automatic shift
- **Sample Rate** About 2 times/second
- **Line Voltage** Below AC 600V line measurement
- **Display Mode/LCD:** 128dots×64dots; Display area: 43mm×29mm
- **Meter Size** Length 350mm × Width 180mm × Height 55mm
- **Backlight** Controlled by LIGHT key    Data Hold    "HOLD" symbol appears
- **Overflow** "OL" symbol appears
- **Automatic Shutdown** Automatically shut down about 15 minutes after power on to reduce battery consumption
- **Voltage Detection** Low battery symbol appears to remind the replacement of battery when the battery voltage drops below 5.2V.
- **Weight** 1.5kg(with batteries and accessories)
- **Working Temperature and Humidity** -10℃~40℃; 80%rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%rh
- **Insulation strength** AC 2kV/rms (between core and shell)
- **Safety Specifications** IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III(600V)
- **Accessories** Meter: 1 PC; RS232 Data Line: 1 PC; Disk: 1 PC; Battery (LR6): 4PCS; Meter Box: 1 PC



## MEWOI8100B-AC 0.0A~4000A, 0.00 ~ 600V Large Caliber Leakage

### Current Clamp Meter

#### Main Features :

**MEWOI8100B** Large Caliber Leakage Clamp Meter is well designed and manufactured for measuring AC leakage current, current, voltage, adopt the latest CT technology and digital integrated technology. Its large caliber 80mm×80mm can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires. Full automatically and simultaneously measure one leakage current and three voltages, all the data are displayed in the screen, which is very clear and convenient. The meter is widely used in electric power, communication, meteorology, railway, oil field, architecture, measuring, teaching research unit, industrial mining enterprises, etc.

**MEWOI8100B** Large Caliber Leakage Clamp Meter's clamp core is made of special alloy, adopt the latest magnetic shielding techniques, can almost shield the influence from external magnetic field, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement. The meter can store 200 sets of data, with RS232 interface, upload stored data to the computer through the system software, implementing online real-time monitoring, historical inquires, dynamic display. With the function of historical data read, export, print, and backlight, data hold, etc. It is a necessary tool for electrical safety testing.



#### Technical Specification:

- **Function** Measure AC leakage current, current, there-phase, voltage
- **Power** 6V DC(LR6×4 alkaline dry batteries, continuously working for 12 hours)
- **Test Mode** Clamp CT, integral mode
- **Clamp Size** 108mm×148mm (can clamp electric cable of 108mm diameter, or 160mm×4mm flat cable and steel earth wires)
- **Current Range** AC 0.0A~4000A Current Resolution 0.1A
- **Voltage Range** AC0.00V~600V Voltage Resolution 0.01V
- **Measurement Accuracy** (23℃±3℃, below 70%RH, measured wire at the center of the clamp) AC 0.0mA~499A ±2%±5dgt, AC 500A~999A ±3%±5dgt, AC 1000A~2999A ±4%±5dgt, AC 3000A~4000A ±5%±5dgt
- **Measured Wire Position** Measured wire at approximately the geometric center of the clamp
- **Data Storage** 99 sets, "FULL" symbol indicate the memory is full
- **RS232 Interface** With RS232 interface, download data to computer for analysis and management
- **Communication Wire** RS232 communication wire, 1.8m
- **Frequency** 50Hz, 60Hz automatic identification
- **Gear Shift** Automatic shift
- **Sample Rate** About 2 times/second
- **Line Voltage** Below AC 600V line measurement
- **Display ModeLCD:** 128dots×64dots; Display area: 43mm×29mm
- **Meter Size** Length 350mm × Width 180mm × Height 55mm
- **Backlight** Controlled by LIGHT key Data Hold "HOLD" symbol appears
- **Overflow** "OL" symbol appears
- **Automatic Shutdown** Automatically shut down about 15 minutes after power on to reduce battery consumption
- **Voltage Detection** Low battery symbol appears to remind the replacement of battery when the battery voltage drops below 5.2V.
- **Weight** 1.5kg(with batteries and accessories)
- **Working Temperature and Humidity** -10℃~40℃; 80%rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%rh
- **Insulation strength** AC 2kV/rms (between core and shell)
- **Safety Specifications** IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III(600V)
- **Accessories** Meter: 1 PC; RS232 Data Line: 1 PC; Disk: 1 PC; Battery (LR6): 4PCS; Meter Box: 1 PC

## MEWOI8100E-DC 0.0A~2000A,AC 0.0A~1000A 0.00 ~ 600V Large Caliber Leakage Current Clamp Meter

### Main Features :

**MEWOI8100B** Large Caliber Leakage Clamp Meter is well designed and manufactured for measuring AC leakage current, current, voltage, adopt the latest CT technology and digital integrated technology. Its large caliber 80mm×80mm can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires. Full automatically and simultaneously measure one leakage current and three voltages, all the data are displayed in the screen, which is very clear and convenient. The meter is widely used in electric power, communication, meteorology, railway, oil field, architecture, measuring, teaching research unit, industrial mining enterprises, etc.

**MEWOI8100B** Large Caliber Leakage Clamp Meter's clamp core is made of special alloy, adopt the latest magnetic shielding techniques, can almost shield the influence from external magnetic field, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement. The meter can store 200 sets of data, with RS232 interface, upload stored data to the computer through the system software, implementing online real-time monitoring, historical inquires, dynamic display. With the function of historical data read, export, print, and backlight, data hold, etc. It is a necessary tool for electrical safety testing.



### Technical Specification:

- **Function** Measure AC leakage current, current, there-phase, voltage
- **Power** 6V DC(LR6×4 alkaline dry batteries, continuously working for 12 hours)
- **Test Mode** Clamp CT, integral mode
- **Clamp Size** 108mm×148mm (can clamp electric cable of 108mm diameter, or 160mm×4mm flat cable and steel earth wires)
- **Current Range** DC 0.0A~2000A,AC 0.0A~1000A Current Resolution 0.1A
- **Voltage Range** AC0.00V~600V Voltage Resolution 0.01V
- **Measurement Accuracy** (23℃±3℃, below 70%RH, measured wire at the center of the clamp) 0.0mA~999A ±2%±5dgt , 1000A~1499A ±3%±5dgt  
1500A~2000A ±4%±5dgt
- **Measured Wire Position** Measured wire at approximately the geometric center of the clamp
- **Data Storage** 99 sets, "FULL" symbol indicate the memory is full
- **RS232 Interface** With RS232 interface, download data to computer for analysis and management
- **Communication Wire** RS232 communication wire, 1.8m
- **Frequency** 50Hz ,60Hz automatic identification
- **Gear Shift** Automatic shift
- **Sample Rate** About 2 times/second
- **Line Voltage** Below AC 600V line measurement
- **Display ModeLCD:** 128dots×64dots; Display area: 43mm×29mm
- **Meter Size** Length 350mm × Width 180mm × Height 55mm
- **Backlight** Controlled by LIGHT key Data Hold "HOLD" symbol appears
- **Overflow** "OL" symbol appears
- **Automatic Shutdown** Automatically shut down about 15 minutes after power on to reduce battery consumption
- **Voltage Detection** Low battery symbol appears to remind the replacement of battery when the battery voltage drops below 5.2V.
- **Weight** 1.5kg(with batteries and accessories)
- **Working Temperature and Humidity** -10℃~40℃; 80%rh
- **Storage Temperature and Humidity** -10℃~60℃; below 70%rh
- **Insulation strength** AC 2kV/rms (between core and shell)
- **Safety Specifications** IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III(600V)
- **Accessories** Meter: 1 PC; RS232 Data Line: 1 PC; Disk: 1 PC; Battery (LR6): 4PCS; Meter Box: 1 PC

## MEW0I8300 Large Caliber Three Phase Power Tester

**MEW0I8300** Large Caliber Three Phase Leakage Current AMP/VOLT Clamp On Power Tester is well designed and manufactured for measuring three phase AC voltage, current, leakage current, phase between current and voltage, phase between phase voltage, frequency, power energy, phase sequence, active power, reactive power, apparent power, power. It is a multifunctional, digital, intelligent tester. Its large caliber 80mm×80mm can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires. It has all the functions of Large Caliber Leakage Clamp Meter and Micro Power Clamp Meter. Besides, it also has this functions such as distinguish transformer wiring group, inductive and capacitive circuits, test second circuit and bus differential protection systems, read the phase relationship between CTs of the differential protection, check the meter wiring right, repair lines and equipment, etc. Provide operators with a safe, accurate and convenient tester.

**MEW0I8300** Large Caliber Three Phase Leakage Current AMP/VOLT Clamp On Power Tester's clamp core is made of special alloy, adopt the latest magnetic shielding techniques, can almost shield the influence from external magnetic field, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement. The meter can store 200 sets of data, with RS232 interface, upload stored data to the computer through the system software, implementing online real-time monitoring, historical inquiries, dynamic display. With the function of historical data read, export, print, and backlight, data hold, etc. It is a necessary tool for electrical safety testing.



## TECHNICAL SPECIFICATION

Function	Measure three phase AC voltage, leakage current, current, active power, reactive power, apparent power, power, phase between current and voltage, phase between phase voltage, frequency, power energy, phase sequence				
Power	6V DC(LR6×4 alkaline dry batteries, continuously working for 12 hours)				
Test Mode	Clamp CT, integral mode	Clamp Size	80mm×80mm(can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires)		
Current Range	AC 0.00mA-1200A, Resolution: 0.01A	Power Range	AC 0.5W-720KW, Resolution: 0.01W		
Voltage Range	AC 0-600V, Resolution: 0.01V	Frequency Range	25Hz-100Hz, Resolution: 0.1Hz		
Phase Range	0.0°-360.0°, Resolution: 0.1°	Power Factor Range	0.3-1.0(Capacitive or inductive) , Resolution: 0.001		
Power Energy Range	0.0000KWh-72000KWh, Resolution: 0.0001KWh	Measured Wire Position	Measured wire at approximately the geometric center of the clamp		
Data Storage	200 sets, “FULL the memory is full ” symbol indicate	RS232 Interface	With RS232 interface, download data to computer for analysis and management		
Communication Wire	RS232 communication wire, 1.8m	Frequency	50Hz ,60Hz automatic identification		
Gear Shift	Automatic shift	Sample Rate	About 2 times/second	Line Voltage	Below AC 600V line measurement
Display Mode	LCD: 128dots×64dots; Display area: 43mm×29mm	Meter Size	Length 275mm × Width 145mm × Height 40mm		
Backlight	Controlled by “*” key	Data Hold	"HOLD" symbol appears	Overflow	"OL" symbol appears
Automatic Shutdown	Automatically shut down about 15 minutes after power on to reduce battery consumption				
Voltage Detection	Low battery symbol appears to remind the replacement of battery when the battery voltage drops below 5.2V.				
Weight	1kg(with batteries and accessories)	Working Current	50mA with enabled backlight; 25mA with disabled backlight		
Working Temperature and Humidity	-10℃-40℃; 80%rh	Storage Temperature and Humidity	-10℃-60℃; below 70%rh		
Insulation strength	AC 3700V/rms(between core and shell)	Safety Specifications	IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III(600V)		
Accessories	Meter: 1 PC; Test Wires: 4 PCS (Yellow, Green, Red, Black), RS232 Data Wires: 1PC; Disk: 1 PC; Battery(LR6): 4PCS; Meter Box: 1 PC				

## MEWOI8300B Large Caliber Three Phase Power Tester

**MEWOI8300B** Large Caliber Three Phase Leakage Current AMP/VOLT Clamp On Power Tester is well designed and manufactured for measuring three phase AC voltage, current, leakage current, phase between current and voltage, phase between phase voltage, frequency, power energy, phase sequence, active power, reactive power, apparent power, power. It is a multifunctional, digital, intelligent tester. Its large caliber 80mm×80mm can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires. It has all the functions of Large Caliber Leakage Clamp Meter and Micro Power Clamp Meter. Besides, it also has this functions such as distinguish transformer wiring group, inductive and capacitive circuits, test second circuit and bus differential protection systems, read the phase relationship between CTs of the differential protection, check the meter wiring right, repair lines and equipment, etc. Provide operators with a safe, accurate and convenient tester.

**MEWOI8300B** Large Caliber Three Phase Leakage Current AMP/VOLT Clamp On Power Tester's clamp core is made of special alloy, adopt the latest magnetic shielding techniques, can almost shield the influence from external magnetic field, to ensure the high precision, high stability and high reliability of perennial uninterrupted measurement. The meter can store 200 sets of data, with RS232 interface, upload stored data to the computer through the system software, implementing online real-time monitoring, historical inquires, dynamic display. With the function of historical data read, export, print, and backlight, data hold, etc. It is a necessary tool for electrical safety testing.



## TECHNICAL SPECIFICATION

<b>Function</b>	Measure three phase AC voltage, leakage current, current, active power, reactive power, apparent power, power, phase between current and voltage, phase between phase voltage, frequency, power energy, phase sequence		
<b>Power</b>	6V DC(LR6×4 alkaline dry batteries, continuously working for 12 hours)		
<b>Test Mode</b>	Clamp CT, integral mode	<b>Clamp Size</b>	80mm×80mm(can clamp electric cable of 80mm diameter, or 96mm×4mm flat cable and steel earth wires)
<b>Current Range</b>	AC 0.00mA-2000A, Resolution: 0.01A	<b>Power Range</b>	AC 0.5W-1200KW, Resolution: 0.01W
<b>Voltage Range</b>	AC 0-600V, Resolution: 0.01V	<b>Frequency Range</b>	25Hz-100Hz, Resolution: 0.1Hz
<b>Phase Range</b>	0.0°-360.0°, Resolution: 0.1°	<b>Power Factor Range</b>	0.3-1.0(Capacitive or inductive) , Resolution: 0.001
<b>Power Energy Range</b>	0.0000KWh-72000KWh, Resolution: 0.0001KWh	<b>Measured Wire Position</b>	Measured wire at approximately the geometric center of the clamp
<b>Data Storage</b>	200 sets, "FULL the memory is full " symbol indicate	<b>RS232 Interface</b>	With RS232 interface, download data to computer for analysis and management
<b>Communication Wire</b>	RS232 communication wire, 1.8m	<b>Frequency</b>	50Hz ,60Hz automatic identification
<b>Gear Shift</b>	Automatic shift	<b>Sample Rate</b>	About 2 times/second
<b>Line Voltage</b>	Below AC 600V line measurement		
<b>Display Mode</b>	LCD: 128dots×64dots; Display area: 43mm×29mm	<b>Meter Size</b>	Length 275mm × Width 145mm × Height 40mm
<b>Backlight</b>	Controlled by " * " key	<b>Data Hold</b>	"HOLD" symbol appears
<b>Overflow</b>	"OL" symbol appears		
<b>Automatic Shutdown</b>	Automatically shut down about 15 minutes after power on to reduce battery consumption		
<b>Voltage Detection</b>	Low battery symbol appears to remind the replacement of battery when the battery voltage drops below 5.2V.		
<b>Weight</b>	1kg(with batteries and accessories)	<b>Working Current</b>	50mA with enabled backlight; 25mA with disabled backlight
<b>Working Temperature and Humidity</b>	-10℃-40℃; 80%rh	<b>Storage Temperature and Humidity</b>	-10℃-60℃; below 70%rh
<b>Insulation strength</b>	AC 3700V/rms(between core and shell)	<b>Safety Specifications</b>	IEC1010-1, IEC1010-2-032, 2 class of pollution, CAT III(600V)
<b>Accessories</b>	Meter: 1 PC; Test Wires: 4 PCS (Yellow, Green, Red, Black), RS232 Data Wires: 1PC; Disk: 1 PC; Battery(LR6): 4PCS; Meter Box: 1 PC		

## MEWOI2000D-Non-contact Phase Sequence Detector

### Main Features :

1. Phase detection (normal phase, reverse phase and phase deficiency)
2. Live wire examination
3. Simple Power detection
4. Breakpoint location and Line maintenance



### Technical Specification:

- **Functions** Phase detection (normal phase, reverse phase and phase deficiency), Live wire examination, Simple Power detection, Breakpoint location and Line maintenance.
- **Power Supply** DC3V AA Mn batteries (R6P) ×2 PCS, Continuously working for 200 hours
- **AC Voltage Range(V)** AC0~600V, 40~70Hz (Sine Wave Continuous Input)



- **Clamp Wire Size** Diameter  $\phi 1.6\text{-}\phi 16\text{mm}$
- **LED Display** 【Positive Phase Sequence】 The four phase-sequence lamps blink in order (clockwise). 【Negative Phase Sequence】 The four phase-sequence lamps blink in order (counterclockwise). 【Line-voltage Indication】 L1、L2、L3 lamp light up. 【Default Phase】 L1/L2/L3 lamp is off. 【Open Circuit】 L1/L2/L3 lamp is off.
- **Power On Indication** Power on indication light turns on
- **Auto Power off** After 5 minutes, the meter automatically cut off power supply.
- **Meter Dimension** Width, height, thickness 70mm\*75mm\*30mm
- **Clamp Lead Length** 0.5m
- **Meter Weight** 180g (with battery)
- **Working Temperature and Humidity**  $-10^{\circ}\text{C}\sim 55^{\circ}\text{C}$ ; below 80%rh
- **Storage Temperature and Humidity**  $-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$ ; below 90%rh
- **Maximum Measured Voltage** AC600V
- **Dielectric Strength** 5.4kVrms
- **Maximum rated Power** 100mVA
- **Safety Provisions** EN61010-1: 2001, EN61010-031: 2002, Pollution level 2, CAT III(600V), Transient over-voltage 6000V
- **Accessories** Meter: 1 Piece; Carrying case; 1 Piece.



## MEWOI2000E-Large caliber Non-contact Phase Sequence Detector

### Main Features :

7. Phase detection (normal phase, reverse phase and phase deficiency)
8. Live wire examination
9. Simple Power detection
10. Breakpoint location and Line maintenance



### Technical Specification:

- **Functions** Phase detection (normal phase, reverse phase and phase deficiency), Live wire examination, Simple Power detection, Breakpoint location and Line maintenance.
- **Power Supply** DC3V AA Mn batteries (R6P) ×2 PCS, Continuously working for 200 hours
- **AC Voltage Range(V)** AC0~600V, 40~70Hz (Sine Wave Continuous Input)



- **Clamp Wire Size** Diameter  $\phi 10\text{-}\phi 40\text{mm}$
- **LED Display** 【Positive Phase Sequence】 The four phase-sequence lamps blink in order (clockwise)., 【Negative Phase Sequence】 The four phase-sequence lamps blink in order (counterclockwise). 【Line-voltage Indication】 L1、L2、L3 lamp light up. 【Default Phase】 L1/L2/L3 lamp is off., 【Open Circuit】 L1/L2/L3 lamp is off.
- **Power On Indication** Power on indication light turns on
- **Auto Power off** After 5 minutes, the meter automatically cut off power supply.
- **Meter Dimension** Width, height, thickness 70mm\*75mm\*30mm
- **Clamp Lead Length** 0.5m
- **Meter Weight** 180g (with battery)
- **Working Temperature and Humidity**  $-10^{\circ}\text{C}\sim 55^{\circ}\text{C}$ ; below 80%rh
- **Storage Temperature and Humidity**  $-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$ ; below 90%rh
- **Maximum Measured Voltage** AC600V
- **Dielectric Strength** 5.4kVrms
- **Maximum rated Power** 100mVA
- **Safety Provisions** EN61010-1: 2001, EN61010-031: 2002, Pollution level 2, CAT III(600V), Transient over-voltage 6000V
- **Accessories** Meter: 1 Piece; Carrying case; 1 Piece.

## MEWOI133H- High Voltage Clamp Current Transformer

### Main Features:

1. Line Voltage: 65KV and below
2. Current Range: 0.00mA ~ 600A AC
3. Resolution: 10uA AC
4. Turn Ratio: 1:3200



### Technical Specification

- **Functions** Detection of high and low voltage line leakage current, current ratio, harmonic current, phase, power, power, power factor etc.
- **Battery Bin** Can place in the 4pcs\*AAA 1.5V alkaline dry battery, to provide power for the secondary development
- **Current Range** 0.00mA ~ 600A AC
- **Resolution** 10uA AC
- **Degree of Accuracy**  $\pm 1.0\%FS$
- **Turn Ratio** 1:3200
- **Phase error**  $\leq 3^\circ$  (50Hz/60Hz;  $23^\circ C \pm 2^\circ C$ )
- **Reference load** RL:  $0 \sim 600mA \leq 500 \Omega$ ;  $0 \sim 6A \leq 50 \Omega$ ;  $0 \sim 60A \leq 5 \Omega$ ;  $0 \sim 600A \leq 0.5 \Omega$
- **Weight** 210g
- **Size** L\*W\*H: 245\*70\*40mm
- **Clamp Size**  $\phi 33mm$
- **Output mode** Current induction, coil tap output (S1, S2)
- **Detection method** Clamp CT
- **The output ends** 10cm, open the upper and lower covers can be connected
- **Electric interference** The external electric field 100A, is it is about 10mA when closed to 10mm
- **Current frequency** 45Hz ~ 60Hz (the measured current frequency)
- **frequency characteristic** 10Hz ~ 100kHz
- **Line voltage** 65kV AC and below (to be connected to the corresponding level of the insulating rod)
- **Wire position** The tested wire is located at the center of the Clamp
- **Working temperature and humidity**  $-20^\circ C \sim 50^\circ C$ ; 80%rh and below
- **Storage temperature and humidity**  $-10^\circ C \sim 60^\circ C$ ; 70%rh and below
- **Structure** Drip proof type II
- **Insulation strength** 3700V/rms AC (between the core and the shell)
- **Suitable for safety** IEC1010-1, IEC1010-2-032, pollution grade 2, 600V III (CAT)
- **Accessories** Sensor\*1pc

## MEWOI148H- High Voltage Clamp Current Transformer

Main Features:

5. Line Voltage: 65KV and below
6. Current Range: 0.0mA ~ 1000A AC
7. Resolution: 0.1mA AC
8. Turn Ratio: 1:4000



## Technical Specification

- **Functions** Detection of high and low voltage line leakage current, current ratio, harmonic current, phase, power, power factor etc.
- **Battery Bin** Can place in the 4pcs\*AAA 1.5V alkaline dry battery, to provide power for the secondary development
- **Current Range** 0.0mA ~ 1000A AC
- **Resolution** 0.1mA AC
- **Degree of Accuracy**  $\pm 1.0\%FS$
- **Turn Ratio** 1:4000
- **Phase error**  $\leq 3^\circ$  (50Hz/60Hz:  $23^\circ C \pm 2^\circ C$ )
- **Reference load** RL:  $0 \sim 1a \leq 500\Omega$ ;  $0 \sim 10a \leq 50\Omega$ ;  $0 \sim 100a \leq 5\Omega$ ;  $0 \sim 1000a \leq 0.5\Omega$
- **Weight** 230g
- **Size** L\*W\*H: 245\*70\*40mm
- **Clamp Size**  $\phi 48mm$
- **Output mode** Current induction, coil tap output (S1, S2)
- **Detection method** Clamp CT
- **The output ends** 10cm, open the upper and lower covers can be connected
- **Electric interference** The external electric field 100A, is it is about 10mA when closed to 10mm
- **Current frequency** 45Hz ~ 60Hz (the measured current frequency)
- **frequency characteristic** 10Hz ~ 100kHz
- **Line voltage** 65kV AC and below (to be connected to the corresponding level of the insulating rod)
- **Wire position** The tested wire is located at the center of the Clamp
- **Working temperature and humidity**  $-20^\circ C \sim 50^\circ C$ ; 80%rh and below
- **Storage temperature and humidity**  $-10^\circ C \sim 60^\circ C$ ; 70%rh and below
- **Structure** Drip proof type II
- **Insulation strength** 3700V/rms AC (between the core and the shell)
- **Suitable for safety** IEC1010-1, IEC1010-2-032, pollution grade 2, 600V III (CAT)
- **Accessories** Sensor\*1pc

## MEWOI168H- High Voltage Clamp Current Transformer

Main Features:

9. Line Voltage: 65KV and below
10. Current Range: 0.00mA ~ 1000A AC
11. Resolution: 0.01mA AC
12. Turn Ratio: 1:4000



## Technical Specification

- **Functions** Detection of high and low voltage line leakage current, current ratio, harmonic current, phase, power, power factor etc.
- **Battery Bin** Can place in the 4pcs\*AAA 1.5V alkaline dry battery, to provide power for the secondary development
- **Current Range** 0.00mA ~ 1000A AC
- **Resolution** 0.01mA AC
- **Degree of Accuracy**  $\pm 1.0\%FS$
- **Turn Ratio** 1:4000
- **Phase error**  $\leq 3^\circ$  (50Hz/60Hz;  $23^\circ C \pm 2^\circ C$ )
- **Reference load** RL:  $0 \sim 1a \leq 500\Omega$ ;  $0 \sim 10a \leq 50\Omega$ ;  $0 \sim 100a \leq 5\Omega$ ;  $0 \sim 1000a \leq 0.5\Omega$
- **Weight** 550g
- **Size** L\*W\*H: 245\*70\*40mm
- **Clamp Size**  $\phi 68mm$
- **Output mode** Current induction, coil tap output (S1, S2)
- **Detection method** Clamp CT
- **The output ends** 10cm, open the upper and lower covers can be connected
- **Electric interference** The external electric field 100A, is it is about 10mA when closed to 10mm
- **Current frequency** 45Hz ~ 60Hz (the measured current frequency)
- **frequency characteristic** 10Hz ~ 100kHz
- **Line voltage** 65kV AC and below (to be connected to the corresponding level of the insulating rod)
- **Wire position** The tested wire is located at the center of the Clamp
- **Working temperature and humidity**  $-20^\circ C \sim 50^\circ C$ ; 80%rh and below
- **Storage temperature and humidity**  $-10^\circ C \sim 60^\circ C$ ; 70%rh and below
- **Structure** Drip proof type II
- **Insulation strength** 3700V/rms AC (between the core and the shell)
- **Suitable for safety** IEC1010-1, IEC1010-2-032, pollution grade 2, 600V III (CAT)
- **Accessories** Sensor\*1pc