

# Test & Measurement

Crafted for optimum durability, reliability and functionality, our innovative new line of test and measurement equipment is engineered with the user in mind. Designed for, and by, electricians, our electrical testers provide the latest in innovative, time-saving features that professionals require.

For Professionals... Since 1857®



# Electrical Test & Measurement

Multimeters



Clamp Meters



Electrical Testers





# Multimeters

## Professional Series Multimeters

- Solid construction and rugged rubber boots.
- Data hold feature saves measurement for later viewing.

**Additional Features for  
Cat. Nos. MM1000, MM2000**

- Bar graph responds quickly to changes in measurement.
- Max / Min / Relative reading for quick troubleshooting in the field.



Double Insulated



Measurement	MM100 Manual Ranging Multimeter	MM200 Auto Ranging Multimeter	MM1000 Electrician's / HVAC Multimeter	MM2000 Electrician's / HVAC TRMS Multimeter
AC Current	—	10A	10A	10A
DC Current	10A	10A	10A	10A
AC Voltage	600V	600V	1000V	1000V
DC Voltage	600V	600V	1000V	1000V
Resistance	2MΩ	40MΩ	40MΩ	40MΩ
Micro Amps	—	≥ 0.1μA	≥ 0.1μA	≥ 0.1μA
Capacitance	—	200μF	4000μF	4000μF
Temperature	—	-4 ~ 1832°F	-58 ~ 1832°F	-58 ~ 1832°F
Frequency / Duty Cycle	—	1MHz	1MHz	1MHz
Diode Test	•	•	•	•
Continuity	•	•	•	•
Battery Test	•	—	—	—
<b>Features</b>				
LCD Counts	2000	4000	4000	4000
Data Hold	•	•	•	•
Manual Range	•	—	•	•
Auto Range	—	•	•	•
Auto Power-Off	—	•	•	•
Backlight	—	•	•	•
Maximum / Minimum Hold	—	—	•	•
Relative Reading	—	—	•	•
Bar Graph	—	—	•	•
Magnetic Hanger Compatible	—	—	•	•
True RMS	—	—	—	•
Low Impedance	—	—	—	•

Listing



Cat. No.	CAT Rating	Batteries	Height	Width	Depth	Weight (oz.)	Included Accessories
MM100	CAT III 600V	1 x 9V	5.75" (146 mm)	2.75" (69.9 mm)	1.75" (44.5 mm)	8.0 (227 g)	test leads, battery
MM200	CAT III 600V	1 x 9V	5.75" (146 mm)	2.75" (69.9 mm)	1.75" (44.5 mm)	8.2 (232 g)	test leads, battery, thermocouple
MM1000	CAT IV 600V	2 x AAA	7.00" (178 mm)	3.50" (88.9 mm)	1.875" (47.6 mm)	14.0 (397 g)	test leads, batteries, thermocouple
MM2000	CAT IV 600V	2 x AAA	7.00" (178 mm)	3.50" (88.9 mm)	1.875" (47.6 mm)	14.0 (397 g)	test leads, batteries, thermocouple

Cat. No.

Type

**Replacement Fuses  
for MM1000 and MM2000**

69192

F 440mA / 1000V

69191

F 11A / 1000V



All dimensions are in inches and (millimeters).

See end of section for important safety information regarding the test and measurement line.

## Professional Series Clamp Meters

- Large jaw sizes.
- Worklights illuminate dark work spaces.
- Data hold captures measurements in any situation.

### Additional Features for Cat. Nos. CL1000, CL2000

- Built-in magnetic mount for hands-free convenience.
- Non-contact voltage detection at the push of a button.
- Quick-response bar graph shows elusive fluctuations.



Measurement		CL100 600A AC Clamp Meter	CL200 600A AC Clamp Meter w/ Temp	CL1000 400A AC Clamp Meter	CL2000 400A AC/DC TRMS Clamp Meter
	AC Current	600A	600A	400A	400A
	DC Current	—	—	—	400A
	AC Voltage	600V	600V	750V	750V
	DC Voltage	600V	600V	1000V	1000V
	Micro Amps	—	—	0.1 ~ 2000μA	0.1 ~ 2000μA
	Resistance	20MΩ	40MΩ	40MΩ	40MΩ
	Capacitance	—	100μF	4000μF	4000μF
	Frequency /Duty Cycle	—	100kHz	1MHz	1MHz
	Diode Test	●	●	●	●
	Continuity	●	●	●	●
	Temperature	—	-4 ~ 1832°F	—	—
	Non Contact Voltage	—	—	●	●
Features					
	LCD Counts	2000	4000	4000	4000
	Data Hold	●	●	●	●
	Auto Power-Off	●	●	●	●
	Backlight	●	●	●	●
	Worklight	●	●	●	●
	Auto / Manual Range	●	●	●	●
	Maximum Hold	●	—	●	●
	Minimum Hold	—	—	●	●
	Bar Graph	—	—	●	●
	Magnetic Mount	—	—	●	●
	Relative Reading	—	—	—	●
	True RMS	—	—	—	●

Listing



Cat. No.	CAT Rating	Batteries	Jaw Size	Height	Width	Depth	Weight (oz.)	Included Accessories
CL100	CAT III 600V	3 x AAA	1.0" (25.4 mm)	8.2" (208 mm)	3.0" (76.2 mm)	1.4" (35.6 mm)	9.9 (281 g)	test leads, batteries, case
CL200	CAT III 600V	3 x AAA	1.0" (25.4 mm)	8.2" (208 mm)	3.0" (76.2 mm)	1.4" (35.6 mm)	10.0 (283 g)	test leads, batteries, case, thermocouple
CL1000	CAT III 600V	2 x AAA	1.25" (31.8 mm)	8.875" (225 mm)	3.375" (85.7 mm)	1.5" (38.1 mm)	10.7 (303 g)	test leads, batteries, case
CL2000	CAT III 600V	2 x AAA	1.25" (31.8 mm)	8.875" (225 mm)	3.375" (85.7 mm)	1.5" (38.1 mm)	10.7 (303 g)	test leads, batteries, case





# Specialty Clamp Meters

## 200A AC Fork Meter




- Open jaw conveniently measures 1/0 wire and AC currents up to 200A.
- Backlit display is readable even in dark locations.
- Relative reading feature automatically calculates the difference between the live measurement and a previously stored measurement.



## 200A AC Hook Meter

- Unique hook-style current clamp fits into tight spaces and measures 1/0 wire.
- Automatically selects voltage or current based on what is being measured. No manual switching between current and voltage required.
- Bright white LED worklight illuminates any workspace.



Measurement	CL3000 200A AC Fork Meter	CL3100 200A AC Hook Meter
$\tilde{A}$ AC Current	200A	200A
$\tilde{V}$ AC Voltage	750V	750V
$\bar{V}$ DC Voltage	1000V	1000V
$\Omega$ Resistance	40M $\Omega$	40M $\Omega$
$\mu F$ Capacitance	40 $\mu F$	—
Hz% Frequency / Duty Cycle	100kHz	—
$\rightarrow $ Diode Test	●	—
$\equiv$ Continuity	●	●
Features		
$00.00$ LCD Counts	4000	4000
HOLD Data Hold	●	—
$\Delta$ Relative Reading	●	—
Apo Auto Power-Off	●	●
RANGE Auto Range	●	●
$\odot$ Backlight	●	●
$\rightarrow$ Worklight	—	●
Auto Voltage/Current Auto Select	—	●
MAX/MIN Maximum / Minimum Hold	—	●
Bar Graph	—	●
$\hookrightarrow$ Magnetic Hanger	—	●
Listings	 	

Cat. No.	CAT Rating	Batteries	Jaw Size	Height	Width	Depth	Weight (oz.)	Included Accessories
CL3000	CAT III 600V	1 x 9V	0.5" (12.7 mm)	7.50" (191 mm)	2.70" (68.6 mm)	1.70" (43.2 mm)	7.4 (210 g)	test leads, batteries, case
CL3100	CAT IV 600V	2 x AAA	0.5" (12.7 mm)	10.25" (260 mm)	2.50" (63.5 mm)	1.50" (38.1 mm)	8.6 (244 g)	test leads, batteries, case

## Electronic Voltage Testers

- Measures AC and DC voltage at 9 common levels up to 600V.
- Bright LEDs indicate voltage reading without batteries installed.
- Low impedance input reduces possibility of ghost voltages.
- Permanently secured test leads are always there when they are needed.
- Molded lead holders are perfect for easy measurements of tamper-proof outlets.
- Vibration and sound alerts for dangerous voltage levels.
- Modern solid-state construction provides CAT IV 600V safety rating.

### Additional Features for Cat. No. ET200

- Bright worklight to illuminate your work space.
- Audible continuity alerts at less than 270kΩ.

### Standards:

UL 61010-1 2nd edition  
UL 61010-31 2nd edition  
CAN/CSA C22.2 No. 61010-01  
CAN/CSA C22.2 No. 61010-031



ET200

Cat. No.	CAT Rating	Batteries	Height	Width	Depth	Weight (oz.)
ET100	CAT IV 600V	3 x AAA	7.375" (187 mm)	2.375" (60.3 mm)	1.25" (31.8 mm)	8.1 (230 g)
ET200	CAT IV 600V	3 x AAA	7.375" (187 mm)	2.375" (60.3 mm)	1.25" (31.8 mm)	8.1 (230 g)

## Digital Circuit Breaker Finder

- Quickly, accurately, and automatically find the correct circuit breaker of any standard 120V outlet.
- Does not require interruption of service. Power can be left on.
- Bright green arrow and loud beeping tone provide clear indication of correct breaker.
- Strong transmitter reaches distances up to 1000 feet.
- Find breakers of light fixtures and bare wires with optional adapter set (see accessories page).



ET300



Cat. No.		Batteries	Height	Width	Depth	Weight (oz.)
ET300	receiver	1 x 9V	6.00" (152 mm)	2.00" (50.8 mm)	0.90" (22.9 mm)	3.2 (90.7 g)
	transmitter	N/A	2.80" (71.1 mm)	1.90" (48.3 mm)	1.20" (30.5 mm)	1.6 (45.4 g)



# Electrical Testers

## Non-Contact Voltage Testers (NCVT-1/NCVT-2)

- Non-contact detection of standard voltage in cables, cords, circuit breakers, lighting fixtures, switches, outlets, and wires.
- High intensity, bright green LED indicates the tester is operational and aids in illuminating the workspace.
- Digitally controlled ON/OFF power button.
- Auto power-off feature conserves and extends battery life.
- Microprocessor controlled low-battery indicator.
- CAT IV 1000 Volt rating provides expanded operation and protection.
- Lightweight durable polycarbonate plastic resin construction with a convenient pocket-clip.
- Package contains insert card w/ integrated owner's manual and 2 AAA 1.5 volt batteries.



### Additional Features for Dual Range NCVT2

- Automatically detects and indicates low voltage (12-48 Volts AC) and standard voltage (48-1000 Volts AC), allowing broad application.
- Non-contact detection of low-voltage in security, entertainment, communications, environmental control, and irrigation systems.

Voltage Range	12 TO 48 VOLTS AC (Low) (NCVT2 only)	48 TO 1000 VOLTS AC (Standard)
Audible	Low-Pitched Pulsing Beeping Sound	High-Pitched Continuous Beeping Sound
Visual	Green LED Turns OFF and Red LED Blinks (approximately 2-times per second).	Green LED Turns OFF and Red LED illuminates continuously.

### Standards:

UL 61010-1 2nd edition  
CAN/CSA C22.2 No. 610101-04  
EN 61010-1 2nd edition  
IEC 61010-1:2001 2nd edition  
ISA-82.02.01 (IEC 61010-1 MOD)

### Patents:

US D583,266 S



NEW!



Cat. No.	Voltage Range	Frequency Range	Pollution Degree	Batteries	Overall Length	Width	Height	Weight (oz.)	Weight w/ Batteries (oz.)
NCVT-1	50-1000 volts AC	50-500 Hz	2	2 x AAA	5.50" (140 mm)	0.72" (18 mm)	1.0" (25 mm)	0.8 (23 g)	1.6 (46 g)
NCVT-2	12-1000 volts AC	50-500 Hz	2	2 x AAA	5.50" (14.0 cm)	0.72" (1.8 cm)	1.0" (2.5 cm)	0.8 (23 g)	1.6 (46 g)

### ⚠WARNINGS:

- It is important that users of this tester read, understand, and follow all warnings, cautions, safety information, and instructions in the manual before operating or servicing this tester. Failure to follow instructions could result in death or serious injury.
- Risk of electric shock and burn. Contact with live circuits could result in death or serious injury.
- Use caution with voltages above 30V AC as a shock hazard may exist.
- A blinking or steady red glow and an audible beep indicate voltage present. If no indication, voltage could still be present.
- In bright light conditions, the LED visual indicators will be less visible.
- Do not use if green LED is not illuminated.

### ⚠WARNINGS:

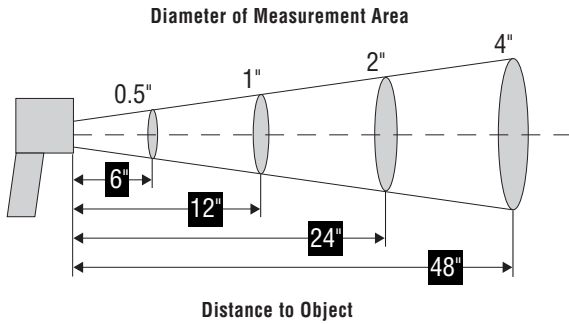
- Do not use if tester appears damaged or if the tester is not operating properly. If in doubt, replace the tester.
- Do not apply more than the rated voltage as marked on the tester (1000 volts AC).
- Always wear approved eye protection.
- Before each use, verify operation by testing a known working circuit that is within the rating of this tester.
- Do not rely on this tester with shielded wire. Operation may be affected by differences in socket design and insulation thickness and type.
- Comply with local and national safety requirements.
- If this tester is used in a manner not specified by the manufacturer, protection provided by the tester may be affected.

**⚠CAUTION:** Do not attempt to repair this tester. It contains no serviceable parts. Do not expose the product to extremes in temperature or high humidity.



## 12:1 Infrared Thermometer

- Backlit Display
- Fahrenheit or Celsius.
- Max, Min, Average, Differential Calculations
- 12:1 Spot Ratio allows quick checks of all types of environments, hazardous extreme temperature ranges, or remote areas
- Temperature Range of -58 to 1000°F (-50 to 538°C)



IR1000

Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)
IR1000	2 x AAA	7" (178 mm)	3.25" (82.6 mm)	1.74" (44.2 mm)	8.1 (230 g)

## Continuity Tester



69133

- Quickly reveals shorts or broken circuits in all types of electrical devices and controls.
- Tests for continuity of circuit with power off.
- Bulb in handle glows when circuit is complete (bulb included).
- Pointed 3-3/4" (95 mm) probe gets right to the problem.
- Deluxe 4" (102 mm) long handle with removable nylon cap holds replaceable bulb and battery.
- 36" (914 mm) test lead with alligator clip.
- Uses one AAA battery (not included).

Cat. No.	Description	Weight (lbs.)
69133	overall length probe to clip, 43-3/4" (1,111 mm)	.20
<b>Replacement Part</b>		
69131	replacement bulb for Cat. No. 69133	.04

## Low-Voltage Tester



69127

- Device for checking live 6-24V, AC or DC circuits.
- Tests for shorts in automotive and truck electrical systems, motor field coils, radio and low-voltage circuits, ground circuits of all lamps, wiring, fuses, etc.
- Bulb in handle glows when circuit is complete (bulb included).
- Pointed 3-3/4" (95 mm) probe makes checking easier.
- Deluxe 3-1/2" (89 mm) long handle with nylon top holds replaceable bulb.
- 36" (914 mm) test lead with alligator clip.

Cat. No.	Description	Weight (lbs.)
69127	overall length probe to clip, 43-1/4" (1,099 mm)	.20
<b>Replacement Part</b>		
69130	replacement bulb for Cat. No. 69127	.01

All dimensions are in inches and (millimeters).

**⚠WARNING:** Do NOT use continuity tester for checking continuity on live circuits.

All dimensions are in inches and (millimeters).

See end of section for important safety information regarding the test and measurement line.



# Electrical Testers

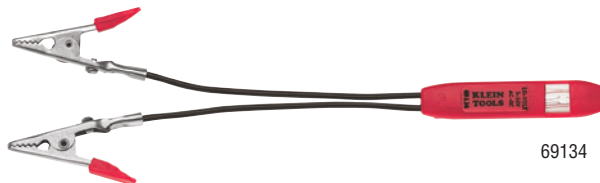
## Circuit Tester



- Tests circuits rated from 80 to 600 volts AC/DC.
- High-visibility neon lamp indicator.
- High-impact, sealed 5-11/16" (144 mm) probe on long 24" (610 mm) leads for convenience in testing motors, fuses, relays, switches, etc.
- Resistor between each probe and lead.
- Reliable electronic components.

Cat. No.	Overall Length with Probes	Weight (lbs.)
69105	35" (889 mm)	.15

## Low-Voltage Twin-Lead Tester



- Tests 5-50 volt, AC or DC circuits and components.
- Built-in lamp glows if circuit is live.
- Each of the 4-1/2" (114 mm) test leads has an alligator clip on the end.
- Handy pocket clip.

Cat. No.	Overall Length	Weight (lbs.)
69134	8" (203 mm)	.05

## General Purpose Twin-Lead Tester



- Tests voltage in 90-250 volt range, AC or DC.
- Neon lamp glows indicating live circuit.
- The 5" (127 mm) test leads have probes on the ends.
- Handy pocket clip.
- Cat. No. 69132-12 contains 12 of 69136 testers in a plastic display tray.

Cat. No.	Overall Length	Weight (lbs.)
69136	7-7/8" (200 mm)	.05
69132-12	—	.60

## Continuity Tester – Pocket Size



- Battery-powered tester quickly checks continuity of dead circuits, switches, appliances, cords, fuses, motors, control equipment, coils, and panel boards.
- Also tests circuits for low-resistance shorts and helps identify wires in multi-wire cables.
- Spring-steel pocket clip serves as test probe.
- 36" (914 mm) lead with plug on one end, alligator clip on the other.
- Body is copper-nickel-plated brass with plug receptacle in one end, incandescent bulb in the other.
- Can also be used as a flashlight.
- Uses two AA-size penlight batteries (not included).

Cat. No.	Overall Length, Probe to Clip	Weight (lbs.)
69110	45" (1,143 mm)	.20

## Multi-Volt Twin-Lead Tester



- Tests for DC polarity, frequency, and polyphase line.
- Checks and indicates voltage on circuits up to 460 volts, AC or DC.
- Combination of glow lamps indicate voltage being tested—110, 220, 277, or 460 volts.
- Test leads furnished with probes on the ends.

Cat. No.	Overall Length	Weight (lbs.)
69135	7-7/8" (200 mm)	.05

## Test Lead Set



- Set of two 32" (813 mm) leads.
- Red and black.
- Each lead has alligator clips attached to both ends.

Cat. No.	Overall Length	Weight (lbs.)
69128	32" (813 mm)	.40

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Do NOT use continuity tester for checking continuity on live circuits.

## Test & Measurement Line Accessories

### Circuit Breaker Finder Accessory Kit



69411

- For use with ET300 Digital Circuit Breaker Finder.
- Light socket adapter for finding the correct circuit of a lighting fixture.
- Alligator clip adapter enables use of Digital Circuit Breaker Finder on bare wires.

Cat. No.	Description	Weight (oz.)
69411	ET300 digital circuit breaker finder accessory kit	2.1 (59.5 g)

### Replacement Test Lead Set



69410

- Pair of universal test leads includes alligator clips.
- Fits lead storage compartment on the MM1000, MM2000, CL1000, CL2000, and CL3100.
- Also compatible with MM100, MM200, CL100, CL200, and CL3000.

Cat. No.	Description	Weight (oz.)
69410	universal test lead set w/ alligator clips	3.2 (90.7 g)

### Magnetic Hanger



69190

- For use with MM1000 and MM2000 Electrician's Multimeters.
- Clips securely into back of rubber boot.
- Strong magnet attaches securely to metal surfaces for hands-free use.

Cat. No.	Description	Weight (oz.)
69190	magnetic hanger for electrician's multimeters	1.1 (31.2 g)



All dimensions are in inches and (millimeters).

#### ⚠ WARNINGS:

To ensure safe operation and service of the tester, follow these instructions. Failure to observe these warnings can result in severe injury or death.

- Before each use, verify meter operation by measuring a known voltage or current.
- Never use the meter on a circuit with voltages that exceed the category based rating of this meter.
- Do not use the meter during electrical storms, or in wet weather.
- Do not use the meter or test leads if they appear to be damaged.
- Ensure meter leads are fully seated, and keep fingers away from the metal probe contacts when making measurements.
- Do not open the meter to replace batteries while the probes are connected.
- Use caution when working with voltages above 60V DC, or 25V AC RMS. Such voltages pose a shock hazard.
- To avoid false readings that can lead to electrical shock, replace batteries if a low battery indicator appears.
- Unless measuring voltage or current, shut off and lock out power before measuring resistance or capacitance.
- Always adhere to local and national safety codes. Use individual protective equipment to prevent shock and arc blast injury where hazardous live conductors are exposed.





# Voice/Data/Video Test



## Coax Explorer™ Tester

- Tests and verifies coaxial cable continuity.
- Compact size fits easily into pocket or pouch.
- Bright LED indicates cable status (good/open/short).
- Simple push-button operation.
- Batteries included.



Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)
VDV512-057	lithium non- replaceable	2.7" (69 mm)	1.1" (28 mm)	0.7" (18 mm)	1.3 (37 g)



VDV512-057

## Coax Explorer™ Plus Tester

- Tests and verifies coaxial cable continuity.
- Identifies/maps up to 4 locations.
- Color coded remotes simplify identification.
- Compact size fits easily into pocket or pouch.
- Bright LED indicates status and location of cable.
- Simple push-button operation.
- Includes convenient remote holder.
- Batteries included.



Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)
VDV512-058	lithium non- replaceable	5.6" (142 mm)	1.1" (28 mm)	0.6" (16 mm)	3.3 (94 g)



VDV512-058

## LAN Scout™ Jr. Tester

- Tests continuity on twisted pair data wiring (RJ45) connections.
- Integrated tone generator supports multiple tones and control of pins carrying tone.
- Heavy-duty ports are designed for long life and repeated connections.
- Compact, contoured dual-material chassis fits comfortably in your hand.

Features	VDV526-052
RJ-45 8-wire Cables	•
Continuity Testing	•
<b>Pass</b> TIA-568A/B & Crossover/Uplink	•
<b>LCD</b> LCD Display	•
Wiremap	•
Open Fault	•
Short Fault	•
Miswire Fault	•
Split Pair Fault	•
Multiple Style Tone Generator	•
<b>Apo</b> Auto Power Off	•
Low Battery	•
Voltage Warning	•
Shield Detection	•
Self-Storing Remote	•



RJ45 Port



Self Storing Remote



VDV526-052



Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)
VDV526-052	6V – 4 x LR44 alkaline included	4.6" (117 mm)	2.3" (58 mm)	1.1" (28 mm)	4.0 (115 g)

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT use on energized circuits.



## VDV Scout™ Pro Tester Kit

- Tests continuity on data (RJ45), voice (RJ11/12) and video (F-Connector Coax) connections.
- Simultaneous testing of video and data cables saves time and improves efficiency.
- Includes 5 location ID remotes for locating cable runs to wall outlets, five RJ45 Remotes & five F-Connector Remotes.
- Integrated tone generator supports multiple tones and control of pins carrying tone.
- Heavy-duty ports are designed for long life and repeated connections.
- Contoured dual material chassis fits comfortably in your hand.
- Recessed F-Connector port for improved reliability.

### Features VDV501-809

	RJ-45 8-wire Cables	●
	RJ-11/12 6-wire Cables	●
	F-connector Coax Cables	●
	Continuity Testing	●
	TIA-568A/B & Crossover/Uplink	●
	LCD Display	●
	Wiremap	●
	Open Fault	●
	Short Fault	●
	Miswire Fault	●
	Split Pair Fault	●
	Cable Identification – Up to 19 Locations	Includes 5
	Multiple Style Tone Generator	●
	Auto Power Off	●
	Low Battery	●
	Voltage Warning	●
	Shield Detection	●
	Self-Storing Remote	●



RJ45, F-Connector and RJ11/12 Port



Self Storing Remote



VDV501-809



Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)	Included Accessories
VDV501-809	9V alkaline included	6.3" (160 mm)	2.8" (71.2 mm)	1.70" (43.2 mm)	9.0 (256 g)	5 location RJ45 remotes, 5 location F-Connector remotes, 1 F to F Barrel Connector, battery

## LanMap™ Kit for VDV Scout™ Pro Tester

- Identify and map twisted-pair infrastructure (RJ45), up to 19 locations.
- For use with VDV Scout™ Pro Tester (Cat. No. VDV501-053, VDV501-809).
- Heavy-duty design for long life and repeated connections.
- Remotes numbered 1 through 19 for fast and accurate identification.

Cat. No.	Height	Width	Depth	Weight (oz.)
VDV526-055	3.0" (76 mm)	3.3" (84 mm)	1.4" (36 mm)	1.9 (56 g)



VDV526-055

## CoaxMap™ Kit for VDV Scout™ Pro Tester

- Identify and map coaxial cable infrastructure (F-Connector), up to 19 locations.
- For use with VDV Scout™ Pro Tester (Cat. No. VDV501-053, VDV501-809).
- Heavy-duty design for long life and repeated connections.
- Remotes numbered 1 through 19 for fast and accurate identification.

Cat. No.	Height	Width	Depth	Weight (oz.)
VDV512-056	3.0" (76 mm)	3.3" (84 mm)	1.0" (26 mm)	5.2 (148 g)



VDV512-056

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** Do NOT use on energized circuits.



## TraceAll™ Tone & Probe

- Trace wire paths and identify cables in common wiring systems.
- Heavy-duty RJ11 jack on tone generator for long life and repeated connections.
- Includes RJ11 adapter to convert tone generator to an Alligator-clip configuration.
- Dual material chassis fits comfortably in your hand.
- Replacement tips available (Cat. No. VDV999-059).

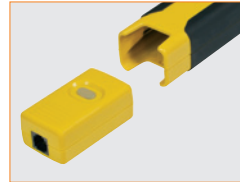


VDV526-054

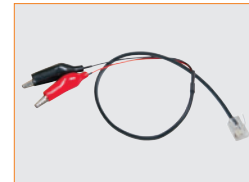
### Features

VDV526-054

	Adjustable volume	●
	Tone generator, 2 Tones	●
	Self-storing remote	●
	Replaceable tip	●
	Auto Power-Off	●



Self Storing Remote



Adapter



Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)	Included Accessories
VDV526-054	6V – 4 x LR44 alkaline included	8.9" (226 mm)	1.7" (43 mm)	1.2" (31 mm)	5.0 (140 g)	RJ11 to, alligator clip adapter, batteries

## TONEcube & PROBEplus Kit

- Trace wire paths and identify cables in common wiring systems.
- TONEcube Tone Generator.
- PROBEplus Tone Tracing Probe.
- Nylon carrying case with belt loop and D-ring.



VDV500-808



Cat. No.	Set Contains:					Overall Length	Weight (oz.)
VDV500-808						10.5" (267 mm)	12.8 (363 g) with out batteries 16.0 (454 g) with batteries
Cat. No.	Description	Batteries	Battery Life	Height	Width	Depth	Weight
VDV500-051	TONEcube	9V	25 hours active 4 years standby	2.7" (70 mm)	2.5" (63 mm)	1.42" (36 mm)	3.4 (96 g) with out battery 5.0 (142 g) with battery
VDV500-060	PROBEplus	9V	25 hours active 4 years standby	9.9" (252 mm)	2.00" (51 mm)	1.14" (29mm)	4.4 (125 g) with out battery 6.0 (170 g) with battery
–	nylon pouch			10.5" (267 mm)	4.75" (121 mm)	2.25" (57 mm)	4.8 (136 g)

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT use on energized circuits.



## TONEcube – Tone Generator

- Trace wire paths and identify cables in common wiring systems.
- Five discrete tracing tones.
- Constant output level over useful battery life.
- Heavy-duty leads with rugged dual-mode modular plug for direct connection to both RJ11 & RJ45 jacks.
- Momentary slide switches prevent accidental operation.
- Designed for use with Klein Tools VDV test tools (Cat. No. VDV526-054, VDV501-060).
- Works with many other manufacturers' analog tone probes.



Cat. No.	Batteries	Battery Life	Height	Width	Depth	Weight (oz.)
VDV500-051	9V	120 hours active 4 years standby	2.7" (70 mm)	2.5" (63 mm)	1.42" (36 mm)	3.4 (96 g) with out battery 5.0 (142 g) with battery

### Features

#### VDV500-051

	Tones	5, high-warble, low-warble, mono, ascending, descending
	Heavy-Duty Leads	
	Rugged RJ11/RJ45 Modular Plug	
	Continuity Testing	
	Voltage Overload Protection	
	Line Status & Polarity	
	Power-On Flashing LED Indicator	
	Auto Power-Off	
	Low Battery Indicator	
	Lanyard Attachment Loop	



VDV500-051

## PROBEplus – Tone Tracing Probe

- Trace wire paths and identify cables in common wiring systems.
- Amplifier overload LED improves accuracy, warning against misreads.
- Dual mode power button with Power-On LED indicator – tap or hold.
- Recessed buttons prevent accidental operation.
- Designed for use with Klein Tools VDV test tools (Cat. No. VDV500-051, VDV526-054, VDV526-052, VDV501-053, VDV501-809).
- Works with many other manufacturers' analog tone generators.
- Replacement tips available (Cat. No. VDV999-065).



VDV500-060



Cat. No.	Batteries	Battery Life	Height	Width	Depth	Weight (oz.) with out battery
VDV500-060	9V	25 hours active 4 years standby	9.9" (252 mm)	2.0" (50 mm)	1.14" (29 mm)	4.4 (112 g) 6.0 (152 g)

### Features

#### VDV500-060

	Amplifier Overload Indication	
	Adjustable digital volume control	
	Tap-Mode Operation	
	Hold-Mode Operation	
	Power-On LED Indicator	
	Visual Notification	
	Auto Power-Off	
	Low Battery Indicator	
	Replaceable Tip	
	Lanyard Attachment Loop	

All dimensions are in inches and (millimeters).

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** Do NOT use on energized circuits.