TEGAM Be certain.

2012 PRODUCTS

- Instrumentation Amplifiers
- Precision Power Amplifiers
- RF Power Metrology
- Ratio Transformers
- Microohmmeters
- Nanovolt Nullmeter
- Soil Resistance Tester
- Temperature
- LCR Meters
- Humidity

MODEL R1L-E2A

Intrinsically Safe Microohmmeter and Bond Tester

- NSN: 6625-01-527-5543
- ATEX Ex ia IIA T4 Ga
- C-UL-US Listed Class I Div. 1, Group D
- Portable: Long Battery Life (80 hours)
- Ranges: 2 mΩ to 20 Ω
- Accuracy: 0.1% of reading
- Resolution: 1 μΩ
- Simple Operation
- Offset Compensation
- Back Lit Display

Contact TEGAM today and put us to the test on your biggest instrumentation or measurement challenge.

www.tegam.com

TEGAM

Be Certain with TEGAM!

IMPROVING MEASUREMENTS

Is your measurement important?

At TEGAM, we think it is.
We are committed to improving your measurement task by:

- Lower Uncertainties
- Better Accuracies
- Faster Readings
- Responsive Support

Contact TEGAM today and put us to the test on your biggest instrumentation or measurement challenge.

DC-50 MHz PXI Instrumentation Amplifier

MODEL 4040A

- 100 V Differential Input
- 1 M/50 Ohm Inputs
- Programmable Attenuation/Gain/Offset/Filters
- Low Noise Performance

High-Speed, Precise Programmable Microohmmeter

MODEL 1750

- Range – 2 mΩ to 20 MΩ
- Accuracy – 0.02%
- Resolution – 100 nΩ
- Offset Compensated Ohms
- Fast measurement speed (10 ms)
- Programmable reference currents
- GPIB, RS-232C and PLC compatibility
- Easy to operate and easy to integrate

Nullmeter / Nanovoltmeter

MODEL AVM-2000

- Sub PPM Voltage, Resistance and Temperature Calibration Transfers
- Range: 100 nV to 1000 V
- Accuracy: Analog Meter: 1% Analog Output: 0.5%
- Resolution: 2 nV
- Independent I/V Zero per range
- Isolation: >100 GΩ
- Rechargeable Battery Operation (50 hours)
- Floating Measurements to 1000 V
- Selectable Input Impedance
- NSN 6625-01-548-0285

High Voltage Precision Power Amplifiers

MODELS 2340 / 2350 / 2375

- Single and Dual Channel
- 400 V pk-pk
- 40 mA
- DC-2 MHz Bandwidth
- 250 V/µs Slew Rate
- Driver for Micro-Mirrors, MEMS, Piezo-Elements and Advanced Electrophoresis

Model 2350

Model 2340

Model 2375

High Current Precision Power Amplifier

MODEL 2348

- Precision Power Amplifier
- 50 V pk-pk
- 750 mA
- DC-2 MHz Bandwidth
- 200 V/µs Slew Rate
- Medical Device Testing, Semiconductor Manufacturing, Pulse Amplifier

High Accuracy, 1 kHz/120 Hz, Programmable Impedance / LCR Meter

MODEL 3525

- Accuracy – 0.08%
- 1 kHz or 120 Hz test frequencies
- Fast measurement speed (15 ms)
- Extremely compact size (8"w x 4"h x 7"d)
- 99 storable panel settings
- Built-in comparator with audible tone

42.0 Hz~5.00 MHz, Programmable Impedance / LCR Meter

MODEL 3550

- Accuracy – 0.10%
- User-programmable test frequency from 42.0 Hz to 5.00 MHz
- 18 ms measurement speed
- 16 measurable parameters
- User defined Test Voltage and Test Current

Microohmmeter and Bond Tester

MODELS R1L-B, R1L-BR

- Rugged: MIL PRF2880F Class 3 (R1L-BR)
- Low Cost: (R1L-B)
- Portable: Long Rechargeable Battery Life
- Ranges: 2 mΩ to 20 Ω
- Accuracy: 0.25% of reading
- Resolution: 1 μΩ
- Simple Operation
- Offset Compensation
- NSN 6625-01-350-8774

Soil Resistance Test System

MODEL R1L-C

- Rugged: MIL PRF2880F Class 2
- Simple: One Button Test, Auto Range
- Ranges: 2 Ω to 20 kΩ (Auto and Manual)
- Accuracy: 1% of reading on 2 Ω range
- Resolution: 1 mΩ
- 2, 3 or 4 point measurements
- Offset Compensation
- Complete Accessory Kit Including SS Ground Rods
- NSN 6625-01-377-6166

High Accuracy Microohmmeter and RTD Monitor

MODEL R1L-D1

- Rugged: MIL PRF2880F Class 3
- Portable: Longest Rechargeable Battery Life (140 hours)
- Ranges: 200 mΩ to 2 kΩ (Auto and Manual)
- High Accuracy: 0.05% of reading
- Resolution: 1 μΩ
- 2, 3 or 4 wire measurement
- Offset Compensation
- Back Lit Display
- NSN 6625-01-456-9125

Intrinsically Safe Microohmmeter and Bond Tester

MODEL R1L-E2A

- NSN: 6625-01-527-5543
- ATEX Ex ia IIA T4 Ga
- C-UL-US Listed Class I Div. 1, Group D
- Portable: Long Battery Life (80 hoursrs)
- Ranges: 2 mΩ to 20 Ω
- Accuracy: 0.1% of reading
- Resolution: 1 μΩ
- Simple Operation
- Offset Compensation
- Back Lit Display

Automated Precision Ratio Transformer

MODEL PRT-73

- Ratio Range -.001 to 1.0009999
- Remotely programmable via standard IEEE-488 interface
- Standard Resolution to 0.1 ppm
- Optional Resolution to 0.01 ppm
- Terminal Linearity as low as 0.9 ppm
- Wide bandwidth — 10 Hz to 20 kHz
- Standard 0.35 V/Hz, 350 V Max
- Optional 2.5 V/Hz
- Overload protection
- Front panel display for easy set up and operation

Decade Ratio Transformer

MODEL DT72B

- Resolution 0.1 ppm
- Terminal Linearity as low as 0.9 ppm
- Bandwidth 50 Hz to 20 kHz
- Parallel switches reduce contact resistance
- Switch Resistors virtually eliminate switch transients
- Ratio range from -0.0111111 to +1.1111110

Decade Synchro / Resolver Standards and Bridges

MODELS DSRB-5CDA-4 / DSRS-5DA

- Resolution 0.0001 degree
- Range 0 to 360 degrees
- Accuracy of at least 4 seconds of arc
- Frequency 400 Hz
- Direct readout in degrees
- Switches good for 100,000 turns

Ratio Transformer

MODEL RT-60B

- Resolution: 10 PPM
- Linearity: 0.001%
- Bandwidth: 50 Hz to 10 kHz
- Ratio Range: 0 to +1.1111
- Compact
- Lowest Cost

Precision 30 MHz Receiver

MODEL VM-7

- 120 dB range of attenuation measurement
- Rack mount kit available
- Resolution down to 0.001 dB
- +/- 0.060 dB accuracy
- Built-in diagnostic software
- Very fast and easy to use

Dual Input RF Amplifier

MODEL 1727A

- Wide frequency range: 100 kHz-26.5 GHz
- Programmable gain: 0 to 30 dB in 5 dB steps
- Dual switchable inputs: Type N, 3.5 mm
- Can be controlled via IEEE-488 GPIB interface
- Excellent for power sensor calibration stations
- Rack mount kit available

Frequency Converters

MODELS 8852 / 8853

- Converts 0.01 to 40 GHz signals to a 30 MHz signal
- For use with Model VM-7 Advanced 30 MHz Receiver
- Rack mount kits available

Attenuation Measurement System

MODEL 8850-18

- Dynamic range greater than 100 dB
- 10 MHz to 18 GHz frequency range can be extended to 40 GHz
- Fast and accurate
- Easy to use manually or with 8850-SureCAL software

Dual Type IV Power Meter

MODEL 1806A

- Traceable to primary voltage and resistance standards
- Temperature controller for TEGAM/Weinschel Mounts
- Compatible with Agilent (HP) 200 Ohm thermistor mounts and all TEGAM (Weinschel) RF Power Standards
- Internal reference voltage generator for more precise measurements
- Fault indicator illuminates when loop balance is prevented

TEGAM

Be Certain with TEGAM!

INDUSTRY LEADERSHIP

We are actively involved!

LXI LAN eXtensions for Instrumentation

PXI Systems Alliance

ARFTG

NCSLI "Serving the World of Measurement"

A2LA ACCREDITED Calibration Lab Certificate #2018.01

IEEE

Contact TEGAM today and put us to the test on your biggest instrumentation or measurement challenge.

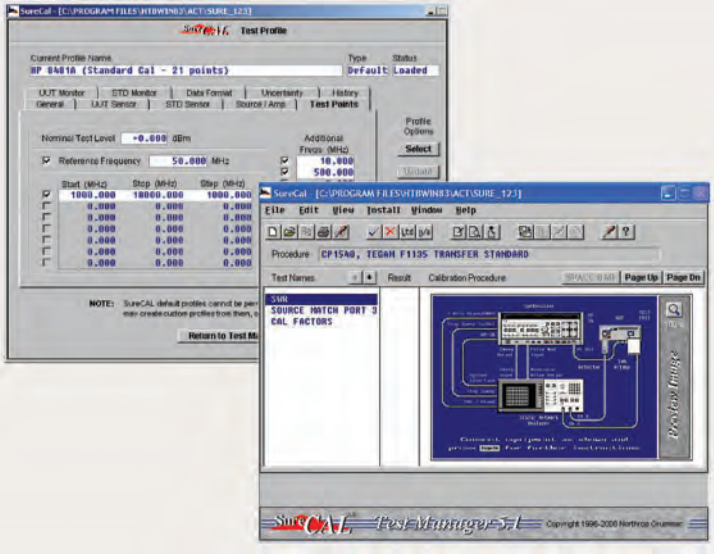
SureCAL calibration software delivers both automation and confidence to RF power sensor calibration.

Correctly calibrating an RF power sensor is an involved process that requires numerous complex calculations of calibration factor, mismatch correction and uncertainty. SureCAL is successfully deployed by many organizations who are ISO 17025:2005 accredited. Combined with the fastest calibration available across the greatest number of different sensors, it is the only real option for those who need automation with sensors from multiple manufacturers.

Calibration Software

MODEL SureCAL-PM

- Fully automated RF power sensor calibration
- VNA support for automated SII parameter measurements
- User customizable calibration procedures
- Upload and download EPROM data of most Anritsu, Agilent (both E4400 and E9300 series), Boonton, and Giga-tronics power sensors
- Easy to understand graphical hook-up instructions
- Flexible standards allow the operator to use the instruments in their lab
- Data stored in ASCII text files for easy manipulation
- Selecting calibration procedures is fast and easy
- Dynamic Uncertainty Calculations



RF Thermistor Power Meter for Metrology

MODEL 1830A

- Frequency Range: 110 GHz (sensor dependent)
- Meter Uncertainty: ±0.05% of reading, ±0.5 µW (0.1% at 1 mW)
- Calibrate 50 MHz reference outputs
- Universal compatibility with DC substitution thermistor sensors
- Directly reads calibrated RF power
- NSN 6625-01-566-7703

Microwave Calibration Standard

MODEL 1510A

- Terminating Design
- Transfer calibration from NIST (or other NMI) to feedthrough standards with the lowest possible uncertainty from 10 MHz to 50 GHz
- Lowest uncertainty of any available CW absolute power sensor
- Temperature controlled for minimal response to ambient environment
- Thermistor bolometer design
- 0.01 to 25 mW power range

Feedthrough RF Power Standards

MODELS F1130B / F1135B

- Provide lowest-uncertainty monitoring of RF power supplied to a Device Under Test
- F1130B, 100 kHz to 18 GHz, N connector
- F1135B, 10 MHz to 26.5 GHz, 3.5 mm connector
- Temperature controlled for minimal response to ambient environment
- Thermistor bolometer for lowest drift of absolute power reading
- 0.01 to 25 mW power range
- Rack Mount Option available

Model F1130B
(100 kHz to 18 GHz)

Model F1135B
(10 MHz to 26.5 GHz)

RF Power Standards

MODEL M1130A / M1135A

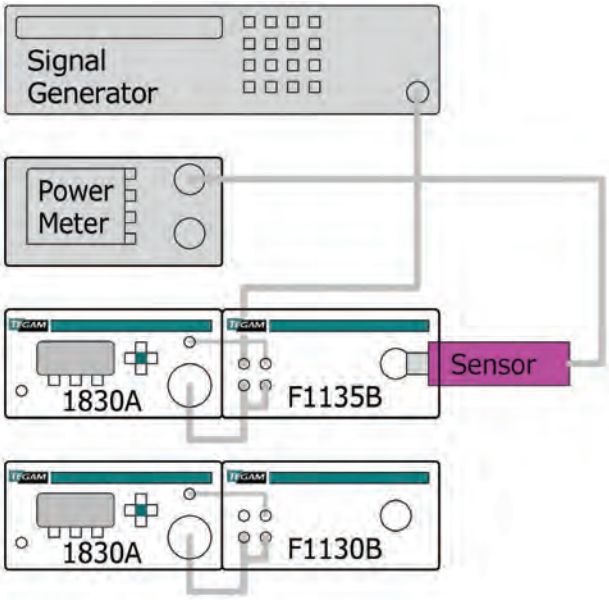
- Can be calibrated at NIST with the lowest uncertainty of any sensor type
- Transfer calibration from NIST (or other NMI) to feedthrough standards with the lowest possible uncertainty from 100 kHz to 18 GHz (M1130A) or from 10 MHz to 26.5 GHz (M1135A)
- Lowest uncertainty of any available CW absolute power sensor
- Temperature controlled for minimal response to ambient environment
- Thermistor bolometer for lowest drift of absolute power reading
- 0.01 to 25 mW power range
- Height adjustable stand available

Model M1130A
(100 kHz to 18 GHz)

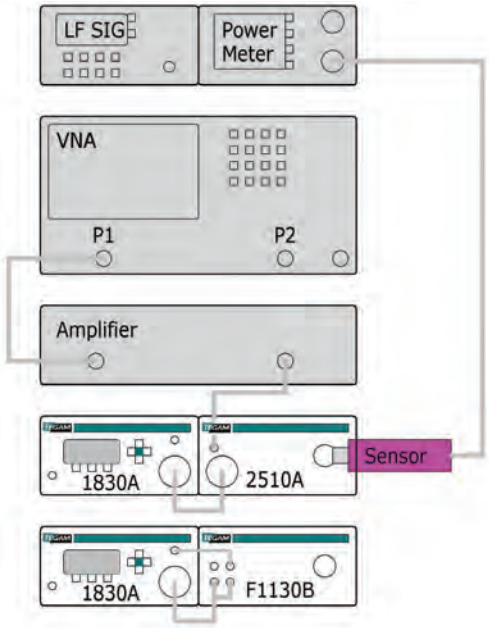
Model M1135A
(10 MHz to 26.5 GHz)

PM Series: The Leading RF Power Sensor Calibration System

26 GHz System



50 GHz System



Potential System Configurations

PM Series Package Summary

Part Number	Description	PMX18-001	PMX18-002	PMX26-001	PMX50-001	PMX50-002	PMX50-003	PMX50-004	PMC18-001	PMC26-001	PMC50-001
1830A	RF Power Meter	•	•	••	•	•	••	••	•	•	•
F1130B	18 GHz Transfer	•	•	•			•	•			
F1135B	26.5 GHz Transfer			•							
2510A	50 GHz Transfer				•	•	•	•			
M1130A	18 GHz Standard								•		
M1135A	26.5 GHz Standard									•	
1510A	50 GHz Standard										•
CA-7-48	Cable, F/M mounts								•	•	
CA-7-15	Cable, F/M mounts	•	•	••			•	•			
CA-10-48	Cable, large heater								•	•	
CA-11-48	Cable, small heater										
CA-11-15	Cable, small heater	•	•	••			•	•			
CA-21-48	Cable, 15XX/25XX										•
CA-21-15	Cable, 15XX/25XX				•	•	•	•			
CA-14-2M	Cable, USB A/A 2M	•	•	••	•	•	••	••			
PMX-SureCAL	Automation Software	•		•	•		•				
PMX-Training	System Training	•		•	•		•				

Microwave Calibration Standard

MODEL 2510A

- Feedthrough design for calibrating microwave power sensors
- Provide lowest-uncertainty monitoring of RF power supplied to a Device Under Test
- Calibrate RF power sensors from 10 MHz to 50 GHz
- Temperature controlled for minimal response to ambient environment
- Thermistor bolometer design
- 0.01 to 25 mW power range
- Rack mount option available

110A 1000 V AC/DC Safety Voltmeter – Category III

MODEL 110A

- 1000 Volts AC and DC
- Single switch, single range
- Eliminates arc-flash potential during line clearing
- Tested to 2,500 Volts
- 1M of resistance in each test lead to limit current
- IEC 61010-1 Overvoltage Protection Category III, Category IV to 600 V, CE, CSA and UL approved
- Auto Power Off
- 1 year warranty (Made in USA)

Voltman™ Industrial Safety Voltmeter with Audible Tone and Continuity

MODEL 122

- Eliminates false readings when induced voltage is present
- Single-switch, single-range, AC/DC measurement to 750 V
- Automatic, audible continuity tester
- Display lights and tone sounds when voltage is present
- Molded probes with retractable probe tip covers
- Dual-probe holder with positive lock probe extension for safe, easy two-handed operation
- Safety and Productivity at an affordable price
- 1 year warranty (Made in USA)

Voltman™ True RMS Industrial Safety Voltmeter

MODEL 125

- Eliminates false readings when induced voltage is present
- Single-switch, single-range, AC/DC measurement to 750 V
- Automatic continuity tester
- True RMS measurement
- Molded probes with retractable probe tip covers
- Dual-probe holder with positive lock probe extension for safe, easy two-handed operation
- Safety and Productivity at an affordable price
- 1 year warranty (Made in USA)

Motor Rotation Indicator

MODEL MR-1A

- No need to disconnect drive shaft couplings
- Protects user and equipment
- Identifies open windings
- Reliable, solid state components
- Test clips open ½ in to fit most terminals
- Shirt-pocket size

Phase Sequence Indicator

MODELS T-470A / T-471A

- Instantly and clearly identify A/B/C circuits
- Protects user and equipment
- Fast and easy way to make three-phase connections
- Open phase lights both lamps
- T-470: 115 TO 700 V, 400 Hz
- T-471: 115 TO 700 V, 50/60 Hz

General Purpose Temperature Calibrator

MODEL 847

- Range: -350 °F to +2500 °F
- Accuracy ±.3% +1 °C
- Resolution: 0.1 °C/F
- Simulates K, J, or T thermocouple types
- Low battery indicator
- 1 year warranty (Made in USA)

2252 Ω Thermistor Thermometer

MODELS 865 / 866

- Measure temperatures from -55 °C to +150 °C (-70 °F to +300 °F)
- Accuracy: 0.3 % of reading
- Resolution 1° or 0.1°
- °F (Model 865) or °C (Model 866) scales
- Big, easy-to-read LCD display
- 1 year warranty (Made in USA)

100 Ω Platinum RTD Thermometer

MODELS 868 / 869

- Display temperatures from -360 °F to +1100 °F
- Accuracy: 0.3 % of reading
- Resolution 1° or 0.1°
- Accept three-wire and four-wire platinum probes
- °F (Model 868) or °C (Model 869) scales
- Ideal for cryogenic and high-temperature research or industrial monitoring
- 1 year warranty (Made in USA)

Single Input Handheld Digital Thermometer

MODEL 819A

- Range -346 °F to 2502 °F
- Exceptional accuracy: 0.1 %
- Resolution 0.1/1 °F OR °C
- Repeatability 0.2 °C typical
- ROHS compliant
- Input: K, J and T thermocouples
- Hold display values
- Self-diagnostics show low battery, open TCs, over range, or internal hardware faults
- Two-year calibration guarantee with three year warranty (Made in USA)

Dual Input Handheld Digital Thermometer

MODEL 820A

- Range -346 °F to 2502 °F
- Exceptional accuracy: 0.1 %
- Resolution 0.1/1 °F OR °C
- 6 Data logging registers
- Input: K, J thermocouples
- Trend indicators show rising, falling, or stable temperature
- View or continuously scan T1, T2 and T1 minus T2
- Self-diagnostics show low battery, open TCs, over range, or internal hardware faults
- Two-year calibration guarantee with three year warranty (Made in USA)

Dual Input Handheld Digital Thermometer

MODEL 821A

- Range -346 °F to 2502 °F
- Exceptional accuracy: 0.1 %
- Resolution 0.1/1 °F OR °C
- 6 Data logging registers
- Input: K, J and T thermocouples
- Trend indicators show rising, falling, or stable temperature
- View or continuously scan T1, T2 and T1 minus T2
- Self-diagnostics show low battery, open TCs, over range, or internal hardware faults
- Two-year calibration guarantee with three year warranty (Made in USA)

Temperature Calibrator / Thermometer

MODEL 840A

- Accuracy 0.3 °C (± 0.5 °F)
- Input K, J and T type thermocouple
- Simulates and measures K, J and T Type thermocouples
- Calibrator and Thermometer in one unit
- Certificate of Traceability
- Two-year calibration guarantee with three year warranty (Made in USA)

Temperature Calibrator / Thermometer with 11 TC types

MODEL 845

- Simulates and measures 11 Thermocouple types
- Step and Ramp Functions provide fast and easy calibration of process controls and instruments
- Accuracy 0.3 °C (± 0.5 °F)
- Calibrator and Thermometer in one unit
- Certificate of Traceability
- Two-year calibration guarantee with three year warranty (Made in USA)

Temperature Calibrator / Thermometer with RTD and Thermistor

MODEL 850

- RTD, Ohms, Thermocouple and Thermistor functions
- Calibrator and Thermometer in one unit
- 0.1 °C (± 0.2 °F) RTD, 0.3 °C (± 0.5 °F) Thermocouple and Themistor Accuracy
- Certificate of Traceability
- Two-year calibration guarantee with three year warranty (Made in USA)

Temperature Calibrator / Thermometer with RTD and Thermistor

MODEL 855

- Step and Ramp Functions provide fast and easy calibration of process controls and instruments
- Calibrator and Thermometer in one unit
- 0.1 °C (± 0.2 °F) RTD, 0.3 °C (± 0.5 °F) Thermocouple Accuracy
- Simulates and measures 11 Thermocouple and 2 RTD types
- Certificate of Traceability
- Two-year calibration guarantee with three year warranty (Made in USA)

Penetration Probe

MODEL 8714A

- Temperature Range: 0 °F to 900 °F (-18 °C to 482 °C)
- Accuracy: ±1.5%
- Sensor Type: K
- Sheath: 3" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Hypodermic Probe, Type K

MODEL 87127

- Temperature Range: 0 °F to 900 °F (-18 °C to 482 °C)
- Accuracy: ±1.5%
- Sensor Type: K
- Sheath: 3" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Hypodermic Probe, Type T

MODEL 87527

- Temperature Range: 0 °F to 660 °F (-18 °C to 349 °C)
- Accuracy: ±1.5%
- Sensor Type: T
- Sheath: 3" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Penetration Probes

86504 SERIES

- Temperature Range: -40 °F to +300 °F (-40 °C to 149 °C)
- Accuracy: 0 °C to +70 °C: ±0.20 °C
- Sensor Type: Thermistor
- Sheath:
  - Model 86504 - 3¾" length, 304 SS
  - Model 86504-18 - 18" length, 304 SS
  - Model 86504-30 - 30" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Model 86504

Model 86504-30

Penetration Probes, Type K

87104 SERIES

- Temperature Range: 0 °F to 900 °F (-18 °C to 482 °C)
- Accuracy: ±1.5%
- Sensor Type: K
- Sheath:
  - Model 87104 - 3¾" length, 304 SS
  - Model 87104-18 - 18" length, 304 SS
  - Model 87104-30 - 30" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Model 87104

Model 87104-30

Penetration Probes, Type T

87504 SERIES

- Temperature Range: 0 °F to 660 °F (-18 °C to 349 °C)
- Accuracy: ±1.5%
- Sensor Type: T
- Sheath:
  - Model 87504 - 3¾" length, 304 SS
  - Model 87504-18 - 18" length, 304 SS
  - Model 87504-30 - 30" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Model 87504

Model 87504-30

Penetration Probes

86514 SERIES

- Temperature Range: -40 °F to +300 °F (-40 °C to 149 °C)
- Accuracy: 0 °C to +70 °C: ±0.20 °C
- Sensor Type: Thermistor
- Sheath:
  - Model 86514-18 - 18" length, 304 SS
  - Model 86514-30 - 30" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Penetration Probe, Type K

87114 SERIES

- Temperature Range: 0 °F to 900 °F (-18 °C to 482 °C)
- Accuracy: ±1.5%
- Sensor Type: K
- Sheath:
  - Model 87114-18 - 18" length, 304 SS
  - Model 87114-30 - 30" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Penetration Probe, Type T

87514 SERIES

- Temperature Range: 0 °F to 660 °F (-18 °C to 349 °C)
- Accuracy: ±1.5%
- Sensor Type: T
- Sheath:
  - Model 87514-18 - 18" length, 304 SS
  - Model 87514-30 - 30" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Compact General Purpose / Immersion Probes

MODELS 8733, 8753

- Temperature Range:
  - Model 8733: 0 °F to 900 °F (-18 °C to 482 °C)
  - Model 8753: 0 °F to 660 °F (-18 °C to 349 °C)
- Accuracy: ±1.5%
- Sensor Type:
  - Model 8733: K
  - Model 8753: T
- Sheath: 3¾" length, 316 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Model 8733

Model 8753

Wire Thermocouple Probes

MODELS 8712, 8722, 8752

- Temperature Range: 0 °F to 900 °F (-18 °C to 482 °C)
- Accuracy: ±1.5%
- Sensor Type:
  - Model 8712: K
  - Model 8722: J
  - Model 8752: T
- Sheath: Wire probe, 36" length
- Cord: N/A

General Purpose / Immersion Probe

MODEL 8693

- Temperature Range: 0 °F to 400 °F (-18 °C to 205 °C)
- Accuracy: -50 °C to +300 °C: ±0.1 Ω
- Sensor Type: RTD
- Sheath: 8" length, 316 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket
- Model 8693-850 for use with 850/855 also available

General Purpose Probes

MODELS 8713, 8723

- Temperature Range: 0 °F to 900 °F (-18 °C to 482 °C)
- Accuracy: ±1.5%
- Sensor Type:
  - Model 8713: K
  - Model 8723: J
- Sheath: 5" length, 304 SS
- Cord: 3 ft vinyl-clad straight cord

Model 8723

Model 8713

General Purpose Probe

MODEL 8663

- Temperature Range: -40 °C to +150 °C
- Accuracy: ± 0.2 °C from 0 °C to 70 °C
- Sensor Type: 2252 Ω Thermistor
- Sheath: 3¾" length, 316 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Air / Gas Probe

MODEL 8716

- Temperature Range: 0 °F to 900 °F (-18 °C to 482 °C)
- Accuracy: ±1.5%
- Sensor Type: K
- Sheath: 8" length, 304 SS
- Cord: 3 ft straight cord

Surface Probe

MODEL 8715A

- Temperature Range: 0 °F to 900 °F (-18 °C to 482 °C)
- Accuracy: ±1.5%
- Sensor Type: K
- Sheath: 6" length, 304 SS
- Cord: 3 ft vinyl-clad straight cord

Air / Gas Probe

MODEL 8696

- Temperature Range: 0 °F to 400 °F (-18 °C to 205 °C)
- Accuracy: -50 °C to +300 °C: ±0.1 Ω
- Sensor Type: RTD
- Sheath: 8" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket
- Model 8696-850 for use with 850/855 also available

Surface Probe

MODEL 8695A

- Temperature Range: 0 °F to 400 °F (-18 °C to 205 °C)
- Accuracy: -50 °C to +300 °C: ±0.1 Ω
- Sensor Type: RTD
- Sheath: 6" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket
- Model 8695-850 for use with 850/855 also available

Air / Gas Probe

MODEL 8666

- Temperature Range: -40 °C to +150 °C
- Accuracy: ± 0.2 °C from 0 °C to 70 °C
- Sensor Type: 2252 Ω Thermistor
- Sheath: 3¾" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

Surface Probe

MODEL 8737A

- Temperature Range: 0 °F to 900 °F (-18 °C to 482 °C)
- Accuracy: ±1.5%
- Sensor Type: K
- Sheath: Griddle probe, N/A
- Cord: 3 ft armored cable

Surface Probe

MODEL 83115

- Temperature Range: 0 °F to 900 °F (-18 °C to 482 °C)
- Accuracy: ±1.5%
- Sensor Type: K
- Sheath: 8" length, 304 SS
- Cord: 3 ft coil cord
- Model 83105 is right-angle version

Surface Probe

MODEL 8665A

- Temperature Range: -40 °C to +150 °C
- Accuracy: ± 0.2 °C from 0 °C to 70 °C
- Sensor Type: 2252 Ω Thermistor
- Sheath: 3¾" length, 304 SS
- Cord: 1½ ft (ext. 5 ft) coil cord with Thermoplastic Rubber Jacket

RH / Temperature Controller

MODELS CSP-C1 / CSP-C2 / CSP-F1 / CSP-F2

- Operating range 0 °C to 85 °C at ±0.6 °C accuracy, 3 % RH to 95 % RH at ±2 % accuracy
- State-of-the-art thin film polymer sensor
- Included duct probe may be up to 1,000 feet from the controller
- Stainless steel probe (10" long, .75" diameter)
- Two 5 Amp, 250 VAC SPDT relays for setpoint output
- One year warranty (Made in USA)

High Temperature RH / Temperature Transmitter

MODELS HTRH-D / HTRH-W

- Operating range -40 °C to 180 °C at ±0.5 °C accuracy, 3 % RH to 95 % RH at ±2 % accuracy
- 4 to 20 mA outputs
- Adjustable or removable duct flange included with duct mount version
- One year warranty (Made in USA)

RH/Temperature Duct Probe with Integral Transmitter

MODELS RDP-10V / RDP-20C

- Operating range 0 °C to 100 °C at ±0.6 °C (±1 °F) accuracy, 3 % RH to 95 % RH at ±2 % accuracy
- 4 to 20 mA or 0 to 1 V outputs
- Transmitter built into the probe housing
- Water tight stainless steel housing
- One year warranty (Made in USA)

RH/Temperature Wall Mounted Transmitters with Integral Sensor

MODELS RHT-10V/ RHT-20C

- Operating range -20 °C to 75 °C at ±0.6 °C (±1 °F) accuracy, 3 % RH to 95 % RH at ±2 % accuracy
- 4 to 20 mA or 0 to 1 V outputs
- Built-in sensor
- Small size
- One year warranty (Made in USA)

Our Sales Staff is here to help you.

COMPETENT • EXPERIENCED • HONEST

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Calibration, extended warranty and service plans are available for all qualifying TEGAM products. These plans save you time and money and insure optimal performance of your instrument. The plans may be purchased for new TEGAM equipment at significant discounts. Contact TEGAM for more information.

Certifications

TEGAM, Inc. meets the requirements of ISO/IEC 17025:2005 "General Requirements for the Competence of Testing and Calibration Laboratories" through A2LA Certificate Number 2018.01.

A2LA ACCREDITED
Calibration Lab
Certificate #2018.01

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