



CALIBRATORS FEATURE HIGH PERFORMANCE WITHOUT HIGH PRICES

Save time, save money and meet ISO 9000 with the price/performance leader in temperature calibrators.

These meters simulate, source, measure and record 11 Thermocouple types, plus RTD, Thermistor and Ohms signals all in one unit. They out-perform the competition in the lab and on the factory floor with 0.2° accuracy and 0.1° resolution (0.01 ohms). You also get full-featured temperature measurement plus unmatched TEGAM quality all for half the competitors' price.

Save Time

These calibrators increase productivity. They are faster and easier to use than any other calibrator. With 10 memory locations for calibrator setpoints, and a step function, you can easily calibrate controllers, smart transmitters and panel meters. Use the ramp feature to quickly check safety switch and alarm setpoints. Convenient "one-touch" keys select functions for both calibrator and thermometer. Select sensor types, calibrator or thermometer mode, °F or °C, view memory locations or hold a reading. The 5-digit LCD announces all active functions. Programming is a snap. Enter calibrator set points through the calculator style keypad or program them from an outside source. The step function allows one-touch output or programmed values. When turned off, the units retain your programs for quick repeat use. The thermometer mode provides accurate readings and ten memory locations let you record temperature measurements for later review.

Save Money

Now you can calibrate and measure Thermocouples, 100Ω and 1000Ω RTD's and 2252Ω Thermistors. All your Temperature problems can be solved with one meter.

MEET ISO 9000

ISO 9000 and other quality programs require precise calibration on the factory floor. TEGAM's meters conform to the tables of the National Institute of Standards and Technology and come with a free statement of traceability to help you meet ISO 9000.

- Choose up to 11 Thermocouple types
- RTD, Ohms and Thermistor functions (850 Series)
- 0.2°F RTD, 0.5° F Thermocouple Accuracy
- Calibrator and Thermometer in one unit
- 10 Memory locations
- Step and Ramp
- Free Statement of Traceability
- Shirt-pocket size, Drop-proof, Splash-proof and Dust-proof case
- Two-year calibration guarantee plus three-year warranty

SPECIFICATIONS

ACCESSORIES SUPPLIED: Statement of Traceability, universal calibration adaptor & cable, integral tilt stand/hanger, wrist strap, 9V battery, manual.

ACCURACY: 845 & 855 ± 0.5°F (rdg > -50°F) K, J, T, E, N. (18° to 28°C ambient)
± 0.2°F (rdg > -50°F) RTD

RANGE	TYPE K	TYPE J	TYPE T	TYPE E
°F	-328 to 2502	-346 to 1400	-328 to 752	382 to 1832

For other ranges and accuracies request a Calibrator Features Chart.

DISPLAY: 5-digit LCD

DIMENSIONS: 7.0" x 2.9" x 1.1". Net weight: 12 oz.

ORDERING INFORMATION

MODEL	SENSOR TYPES
840A	K, J, T
845	K, J, T, E, N, B, R, S, G, C, D
850	K, J, T, E, 1000Ω, 100KΩ, 100Ω RTD & Thermistor
855	K, J, T, E, N, B, R, S, G, C, D, 1000Ω, 10KΩ, 100Ω & 1000Ω RTD





CALIBRATION KITS

TEGAM Calibration Kits are what you need to calibrate temperature devices and check temperatures throughout your plant.

No matter what sensor type or connection method, these kits let you calibrate and check temperature controllers, recorders, process monitors, panel meters and transmitters. The heart of each TEGAM Calibration Kit is the 800 Series handheld temperature calibrator that combines bench-meter performance with a data-logging thermometer. Take a look at everything that you get:

KIT #1

K, J, & T Universal Adaptor Kits – each adaptor kit contains a 3' calibration cable with spade lug terminals plus a standard connector and a subminiature connector.

- AC Adaptor/Battery Charger & Rechargeable Battery
- Rubber Boot & Belt Clip
- Type K Wire Temperature Sensor
- Foam-Filled Carrying Case

KIT #5

- K, J, T & E Alligator Clip Calibration Cables
- 4-Wire RTD/Ohms/Thermistor Alligator Clip Calibration Cable
- 2 RTD 4-Pin Connectors
- AC Adaptor/Battery Charger & Rechargeable Battery
- Rubber Boot & Belt Clip
- Type K Wire Temperature Sensor
- Foam-Filled Carrying Case

NOTE: Calibration Kits should be ordered by Kit # along with the calibrator of your choice (not included).

RUBBER BOOT & BELT CLIP:

This rubber boot protects your instrument from everyday bangs and bumps in your toolbox. This boot is designed to protect your calibrator while not interfering with plugging in cables, using the tilt stand or the AC adaptor. Also included is a removable belt clip.

ORDERING INFORMATION

MODEL 8204

EXTENSION CABLES

MODEL NUMBER BY TC TYPE

K	INSULATION	LENGTH
80141	PVC	3'