Calibrators Feature High Performance Without High Price

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 º accuracy and 0.1 º 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, ºF or ºC, view memory locations, or hold a reading. The 5-digit LCD annunciates 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 of 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, 100 Ω and 1000 Ω RTD's, and 2252 Ω Thermistors. All of 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)
- 0.1 ºC (± 0.2 ºF) RTD, 0.3 ºC (± 0.5 ºF) Thermocouple and Themistor Accuracy
- Calibrator and Thermometer in one unit
- 10 Memory locations
- Step and Ramp Functions
- 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, 9 V battery, manual.

ACCURACY:
(18 °C to 28 °C ambient) 0.3 °C (± 0.5 °F) (rdg > -50 °F) K, J, T, E, N.
0.1 °C (± 0.2 °F) (rdg > -50 °F) RTD
0.3 °C (± 0.5 °F) Thermistor

RANGE	TYPE K	TYPE J	TYPE T	TYPE E
°F	-328 to 2502	-346 to 1400	-328 to 752	382 to 1832
°C	-200 to 2502	-210 to 760	-200 to 400	-230 to 1000

For other ranges and accuracies see the Calibrator Features Chart at www.tegam.com
DISPLAY: 5-digit LCD
DIMENSIONS: 7.0 in x 2.9 in x 1.1 in   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, 1000 Ω, 100 kΩ, 100 Ω RTD & Thermistor
855	K, J, T, E, N, B, R, S, G, C, D, 1000 Ω, 10 kΩ, 100 Ω & 1000 Ω RTD

TEGAM®

YOUR GLOBAL SOURCE FOR TEST AND MEASUREMENT SOLUTIONS