



Calibrators Feature High Performance Without High Price



Save Time

These calibrators increase productivity. They are faster and easier to use than any other calibrator. With ten memory locations for calibrator setpoints, and a step function, you can easily calibrate controllers, thermometers, 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

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 (NIST) and come with a free statement of traceability to help you meet ISO 9000.

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.

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 of programmed values. When turned off, the units retain your programs for quick repeat use. The thermometer mode provides accurate readings and ten memory

- Choose up to 11 Thermocouple types
- RTD, Ohms, and Thermistor functions (850 Series)
- 0.1 °C (± 0.2 °F) RTD, 0.3 °C (± 0.5 °F) Thermocouple and Thermistor 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

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, 2252 Ω Thermistor
855	K, J, T, E, N, B, R, S, G, C, D, 1000 Ω, 10 kΩ, 100 Ω & 1000 Ω RTD

Specifications

ACCESSORIES SUPPLIED WITH THE UNIT:	Statement of Traceability, Type-K miniature to spade lug cable, Type-K standard round pin adapter, Type-K round pin female to miniature male adapter, RTD female connector (for models 850 & 855), integral tilt stand/hanger, wrist strap, 9 V battery, CD 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 1372	-210 to 760	-200 to 400	-230 to 1000
For other ranges and accuracies see the Calibrator Feature Chart at www.tegam.com				
DISPLAY:	5-digit LCD			
DIMENSIONS:	7.0 in x 2.9 in x 1.1 in		WEIGHT: 12 oz (0.75 lb)	

Prices and specifications subject to change without notice.
840A-909-01 Rev. B