

Calibrators and Switch Boxes

DIGITAL THERMOMETERS AND PROBES



General Purpose Calibrator: TEGAM's 847, using virtually any digital thermometer as reference, accurately and inexpensively calibrates handheld thermometers, panel meters and thermocouple readout devices. The 847 is compatible with bench or handheld, single or multiple input thermocouple thermometers. TEGAM's 847 simulates K, J, or T thermocouple types. Fine- and coarse-adjustment pots let you quickly dial in -350 °F to +2500 °F with a resolution of 0.1 °F or °C. The 847 is cold-junction compensated to eliminate errors caused by ambient temperature changes and has an accuracy of 0.3 %. With an optional extension cable, the 847 becomes a bench unit, complete with rubber feet and built-in tilt feature.

- NIST Traceable Statement of Calibration provided upon request
- Low battery indicated on reference thermometer
- One-year warranty

SPECIFICATIONS

ACCESSORIES SUPPLIED: 840.401 type K TC cable (male sub-miniature connector to spade lugs), 9 V battery, instructions
 ACCURACY: $\pm (0.3\% + 1\text{ }^\circ\text{C}) +$ (accuracy of indicating thermometer)
 RESOLUTION: 0.1 °C/F
 THERMOCOUPLES:

RANGE	TYPE K	TYPE J	TYPE T
°F	-328 to 2502	-346 to 1400	-328 to 752
°C	-200 to 1372	-210 to 760	-200 to 400

DIMENSIONS: 5 in x 2.8 in x 1.5 in WEIGHT: 1 lb.
 ACCESSORIES AVAILABLE: 8668 vinyl carrying case, 80141 type K TC extension cable

ORDERING INFORMATION

MODEL 847



Multiprobe Switchbox: TEGAM's 8000 Series switchbox enables you to read six probes in any sequence on your K, J, or T thermometer. Compatible with virtually every bench and handheld digital thermometer, TEGAM multi-probe switchboxes plug directly into any handheld thermometers, including single- and multiple-input units. TEGAM switchboxes can also interface multiple probes with a variety of thermocouple readout devices, including panel meters, process monitors, and analog meters. With an optional extension cable the switchbox becomes a bench unit, complete with rubber feet and built-in tilt feature. You can connect two or more switchboxes together for quick reading of multiple-probe temperatures.

- One-year warranty

SPECIFICATIONS

ACCESSORIES SUPPLIED: Instructions
 DIMENSIONS: 5 in x 2.8 in x 1.5 in WEIGHT: 12 oz
 ACCESSORIES AVAILABLE: 8668 vinyl carrying case, 80141 type K TC extension cable

ORDERING INFORMATION

MODEL	TC TYPES
8012	K
8022	J
8052	T