

CALIBRATOR/THERMOMETER FEATURE COMPARISON CHART

MODEL	TC TYPES	PLATINUM RTDs	THERMISTOR	OHMS RANGE (0 TO)	RESOLUTION	ACCURACY (CALIBRATOR & THERMOMETER)	RAMP FEATURE
840A	K,J,T				0.1°F 1.0°C	±0.5°F (0.3°C) FROM -50 TO 1250°F (-45 TO 676°C) ±0.04% OVER 1250°F (676°C) ±1.0°F (0.5°C) UNDER -50°F (-45°C)	NO
841	K,J,T,E				0.1°F 1.0°C	±0.5°F (0.3°C) FROM -50 TO 1250°F (-45 TO 676°C) ±0.04% OVER 1250°F (676°C) ±1.0°F (0.5°C) UNDER -50°F (-45°C)	NO
845	K,J,T,E N,B,R,S G,C,D				0.1°F 1.0°C	±0.5°F (0.3°C) OVER -50°F (-45°C) K,J,T,E,N ±1.0°F (0.5°C) UNDER -50°F (-45°C) K,J,T,E,N ±1.0°F B,R,S,G,C,D	YES
850	K,J,T,E	100Ω	2252Ω	1000Ω 100,000Ω	0.01Ω 1.0Ω 0.1°F 1.0°C	±0.5°F (0.3°C) FROM -50 TO 1250°F (-45 TO 676°C) ±0.04% OVER 1250°F (676°C) ±1.0°F (0.5°C) UNDER -50°F (-45°C) ±0.04% OF RANGE IN OHMS ±0.5°F (0.3°C) THERMISTOR ±0.2°F (0.1°C) OVER -50°F (-45°C) RTD ±0.5°F (0.3°C) UNDER -50°F (-45°C) RTD	NO
855	K,J,T,E N,B,R,S G,C,D	100Ω 1000Ω		1000Ω 10,000Ω	0.01Ω 0.1Ω 0.1°F 1.0°C	±0.5°F (0.3°C) OVER -50°F (-45°C) K,J,T,E,N ±1.0°F (0.5°C) UNDER -50°F (-45°C) K,J,T,E,N ±1.0°F B,R,S,G,C,D ±0.02% OF RANGE IN OHMS ±0.5°F (0.3°C) THERMISTOR ±0.2°F (0.1°C) OVER -50°F (-45°C) RTD ±0.5°F (0.3°C) UNDER -50°F (-45°C) RTD	YES

STANDARD FEATURES ON ALL MODELS INCLUDED

10 Memory Locations
 Step Function (Calibrator)
 Meter Hold (Thermometer)
 Full Annunciated 5-Digit LCD Display
 Free NIST Traceable Certificate of Calibration
 Conforms to ITS-90 Thermocouple Tables
 3 Year Warranty on Parts and Labor
 2 Year Calibration Guarantee
 Tilt Stand/Hanger, Battery & Manual
 Optional AC Adapter/Battery Charger (for 9V Ni-Cd batteries)

TEMPERATURE RANGES

K -328 to 2502°F (-200 to 1372°C)	R 32 to 3214°F (0 to 1768°C)
J -346 to 1400°F (-210 to 760°C)	S 32 to 3214°F (0 to 1768°C)
T -328 to 725°F (-200 to 400°C)	G 572 to 4201°F (300 to 2316°C)
E -382 to 1832°F (-230 to 1000°C)	C 32 to 4201°F (0 to 2316°C)
N -328 to 2372°F (-200 to 1300°C)	D 32 to 4201°F (0 to 2316°C)
B 932 to 3308°F (500 to 1820°C)	RTD -328 to 1562°F (-200 to 850°C)
Thermistor -40 to 302°F (-40 to 150°C)	



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