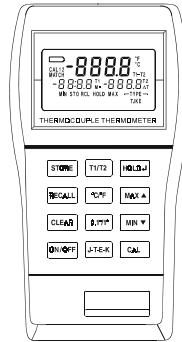


Easy to use automatic field calibration ensures accurate readings. IP54-rated case provides splash and dust resistance. Intrinsically safe UL listed - certified for Class I, Groups A, B, C, and D, Division 1. All models feature an ergonomic design, sealed silicone rubber keypad, IP54 splash - and dust resistant ABS/polycarbonate case, and a built-in tilt stand. They accept a wide variety of thermocouple probes with miniconnectors. Features automatic field calibration—simply place the probe in a container packed with ice, fill with water, and press the “CAL” button; meter automatically recognizes the freezing point.

Displays temperatures in °F or °C on large LCD. HOLD feature lets you freeze the display for later reading. Resolution is autoranging. Above 299.9° and below -99.9°, thermometer automatically switched from standard 0.1° resolution to 1° resolution.

Each thermometer is individually factory calibrated on a NIST-traceable calibrator. The thermometer has ±0.05 °F conformity to NIST calibration tables.



FEATURES	MODEL 28 - 02800
Thermocouple Input Type	J,K,T & E
Number of Inputs	2
LCD Display	•
Mini T/C Plug Connection(s)	•
Selectable °F or °C	•
Temperature Hold	•
Low Battery	•
Field Calibration	•
Calibration Lockout	•
Differential Temperature	•
Minimum Temperature	•
Maximum Temperature	•
Memory Store	•
Recall	•

### SPECIFICATIONS

<b>ACCURACY:</b> 02 - 02800	Below -150 °C [-328 °F]: ± 0.25% of rdg + 1 °C [2 °F] Above -150 °C [-328 °F]: ± 0.1% of rdg + 0.4 °C [0.7 °F]
<b>RESOLUTION:</b> 02 - 02800	Below -150 °C: auto ranging to 1 °C For (-150 to 999.9) °C: 0.1 °C Above 999.9 °C: 1 °C
<b>USEFUL RANGES:</b>	(J) (-200 to 1000) °C [-328 to 1832] °F (K) (-250 to 1372) °C [-418 to 2501] °F (T) (-250 to 400) °C [-418 to 752] °F (E) (-250 to 1000) °C [-418 to 1832] °F
<b>BATTERY:</b>	Two AA Batteries (>750 hours battery life)
<b>SIZE (in):</b>	3.3 W × 6.2 H × 1.2 D
<b>APPROVALS:</b>	CE Marked (EN 61 326-1) This product is energy limited for intrinsically safe operation in hydrogen atmospheres per Class I, Division 1, Groups A,B,C, and D hazardous (classified) locations for UL per UL913 and CSA per C22.2 No. 0-M1982 and No. 157-M1987. Maximum surface temperature: 135 °C(T4); UL file No. E182612 (1997).

## ORDER CODES

CODE	DESCRIPTION	CODE	DESCRIPTION
28 - 02800	Meter only ( J, K, T, & E Inputs )	PROBES	See Handheld Probes listed later in instrument section