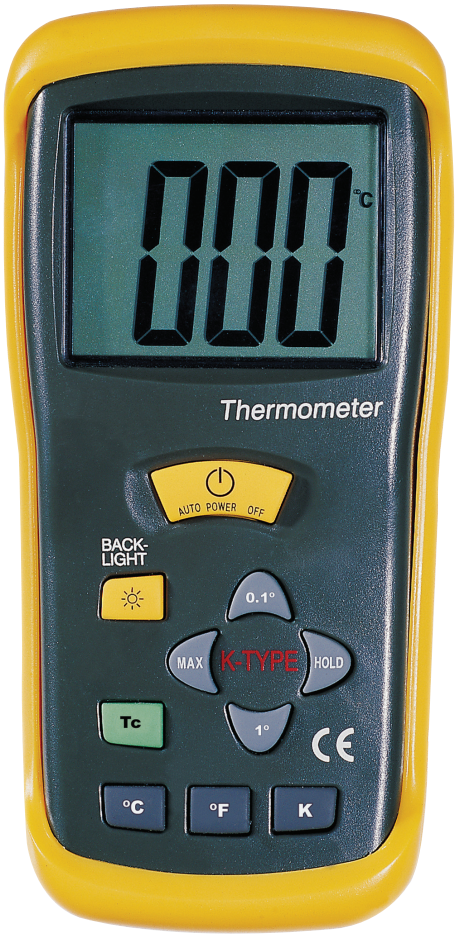


650.235

DIGITAL THERMOMETER

- Hand Held Battery operated
- Backlit LCD Display
- Measures Temperature in °C/°F & K Scales
- Resolution selectable as 0.1°/1°
- Thermocouple check facility
- Max and Data Hold facility
- Confirms to CE standards
- Input : 1x Thermocouple K

This instrument is a portable 3,5 digit, compact-sized digital thermometer designed to use external K-type thermocouple as temperature indication follows National Bureau of Standards and IEC584 temperature/voltage tables for K-type thermocouples.

650.235 | Digital Thermometer

Electrical Specifications

Temperature Scale	Celsius (°C), Fahrenheit (°F) or Kelvin (K) user-selectable
Measurement Range	-50°C to 1300°C, -58°F to 2000°F, 223K to 2000K
Resolution	1°C or 1°F, 0.1°C or 0.1°F,1 K
Accuracy	Accuracy is specified for operating temperatures over the range of 18°C to 28°C (64°F to 82°F), for 1 year not including thermocouple error
	±2°C ---------- -50°C to 0°C
	±4°F ---------- -58°F to 32°F
	±5K---------- 223K to 273K
	±(0.5% rdg+1°C)-------- 0°C to 1000°C
	±(0.8% rdg+1°C)-------- 1000°C to 1300°C
	±(0.5% rdg+2°F)-------- 32°F to 2000°F
	±(1.0% rdg+2K)-------- 273Kto 2000K
Temperature Coefficient	0.1 times the applicable accuracy specification per °C from 0°C to 18°C and 28°C to 50°C (32°F to 64°F and 82°F to 122°F).
Input protection	60V dc or 24V rms ac maximum input voltage on any combination of input pins.
Reading Rate	2.5 times per second.
Input Connector	Accepts standard miniature thermocouple connectors (flat blades spaced 7.9mm, center to center).

Environmental Specifications

Ambient Operating Range	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Relative Humidity	0% to 80% (0°C to 35°C) (32°F to 95°F)
	0% to 70% (35°C to 50°C) (95°F to 122°F)



General Specifications

Display	3,5 Backlit digit liquid crystal display (LCD) with maximum reading of 1999
Battery	Standard 9V battery (NEDA 1604, IEC 6F22)
Dimensions	162 mm (H) x 76 mm (W) x 38.5 mm (D)
Weight	210 g

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