



Series 472

Digital Thermocouple Thermometer

Differential or Relative Temperature Readings, Stores Up to 25 Readings.



- High accuracy temperature measurement using Type J and Type K thermocouples.
- Measures in degrees Fahrenheit or degrees Celsius.
- Selectable resolution for readings in degree or in 0.1 degree increments.
- Differential or relative temperature measurement using the Δ mode.
- Stores and recalls up to 25 temperature measurements in either normal or Δ mode.

SPECIFICATIONS

Probe Types: Type J and K Thermocouples.
Probe Connection: ANSI female mini-connector.
Input Protection: 50V rms.
Temperature: Range: J: -350 to 2192°F (-210 to 1200°C); K: -418 to 2500°F (-250 to 1372°C); Accuracy: 0.1% of reading $\pm 0.7^\circ\text{F}/0.4^\circ\text{C}$ ($> -150^\circ\text{C}$); 0.1% of reading $\pm 2^\circ\text{F}/1^\circ\text{C}$ ($< -150^\circ\text{C}$); Resolution: 0.1° (below 1999°).
Linearization: Conforms to NIST monograph 175 revised to ITS-90.
Operating Conditions: Stated accuracy: 64 to 82°F (18 to 28°C). Operating Ambient Temperature: 14 to 104°F (-10 to 40°C). Storage Temperature: -40 to 176°F (-40 to 80°C).
Display: Dual 4½ digit LCD.
Battery: 9 Volt alkaline.
Battery Life: 200 Hours (typical).
Memory: 25 Samples (Normal or Δ T mode).
Housing Size: 6 3/16" H x 2 13/16" W x 29/32" D (166 x 71 x 23 mm).

The Series 472 Digital Thermocouple Thermometer is a precision general purpose thermometer designed for use with Type J or Type K thermocouples that can be field calibrated. A standard ANSI thermocouple connector allows the use of a wide variety of probe styles. The unit records and displays minimum and maximum temperature readings and has a 20 minute auto power off to conserve the battery. The 4½ digit LCD is backlit for dark or low light conditions.

A-402-A CARRYING CASE — Tough gray nylon pouch protects any Series 472 Manometer. Double zippered for quick and easy access. With belt loop that snaps closed.

7½" h x 3" w x 2¼" d
(191 x 76 x 57 mm)



STOCKED MODEL

Model 472 Digital Thermocouple Thermometer



Series 472 Kits

Digital Thermocouple Thermometer Kits

Accepts Type J or K Thermocouples



Complete kits include:

- Master probe handle.
- Surface, Air Duct, Immersion and Bare Tip Probes.
- 9V battery.
- High accuracy Series 472 Digital Thermocouple Thermometer that measures temperature using Type J or Type K thermocouples.

Features of the Series 472 unit include:

- Measurement in °F or °C.
- Selectable resolution for readings in degree or in 0.1 degree increments.
- Differential or relative temperature measurement using the Δ mode.
- Stores and recalls up to 25 temperature measurements in either normal or Δ mode.

STOCKED MODELS

Model 472-2 Kit with Type K Thermocouple

Model 472-3 Kit with Type J Thermocouple