

DT 305 SERIES HANDHELD DIGITAL THERMOMETER



■ FEATURES

- **Light weight Handheld Design**
- **Type K Thermocouple Input**
- **Large LCD Display**
- **Wide Measurement Range -50/+1300 °C**
- **1°C or 0,1°C User Selectable Resolution**
- **Hold Function**
- **Proven Reliability At Low Cost**

Specifications

Technical Specifications

Temperature scale: Celsius or Fahrenheit user-selectable

Resolution: 1°C or 1°F (or 0.1°C or 0.1°F) user-selectable

Inputs: K-type thermocouples

Measurement Range: -50°C to 1300°C,
(-58°F to 2000°F)

Meter Operating Range: For use in 0°C to 50°C environment
(32°F to 122°F)

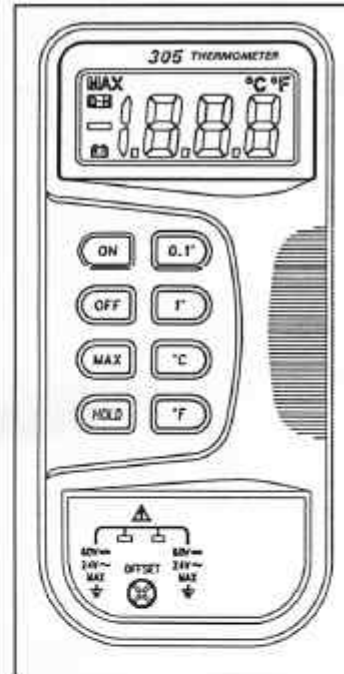
Accuracy: (18°C to 28°C ambient)
± (0.3% rdg + 1°C) -50°C to 1000°C
± (0.5% rdg + 1°C) 1000°C to 1300°C
± (0.3% rdg + 2°F) -58°F to 2000°F

The accuracy specification does not include type K thermocouple probe accuracy.

Temperature Coefficient: 0.1 times the applicable accuracy specification per °C from 0°C to 18°C and 28°C to 50°C.

Error Offset: Errors contributed by one particular thermocouple may be practically eliminated, over a limited measurement range, using a recessed front panel OFF-SET adjustment on the meter and an accurate temperature standard when making the adjustment. Although making that adjustment may increase measurement errors made using other thermocouples.

Maximum Input: 60V dc or 24V rms ac between the input pins or any input and ground.



General Specifications

Display: 3 1/2 digit liquid crystal display (LCD) with maximum reading of 1999

Sampling Rate: 3 times per second

Battery: One 9V battery (NEDA 1604)

Battery Life: 200 hours typical with carbon zinc battery

Dimensions (mm): 147 (H) x 70 (W) x 39 (D)

Weight: 260 g