

Digital Thermometer DE-305



Technical

Temperature scale: °C or °F User-Selective.

Resolution: 1°C or 1°F (or 0.1°C or 0.1°F)
User-Selectable

Inputs: One K-type Thermocouple

Measurement Range: -50 ~ 1300°C, (-59 ~ 2000°F)

Meter Operating Range: For Using at 0°C ~ 50°C

Environment(32 ~ 122°F)

Accuracy: (18~28°C ambient)

±(0.3%rdg + 1°C) -50 ~ 1000°C

±(0.5%rdg + 1°C) 1000 ~ 1300°C

±(0.3%rdg + 2°F) -58 ~ 2000°C

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

Temperature Coefficient:

0.1 times the applicable accuracy specification per °C from 0°C to 18°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 OFFSET adjust on the meter and an accurate temperature standard when making the adjustment. Although making the adjustment may increase measurement errors for using different

Features

- LARGE SIZE LCD INDICATION
- LOW BATTERY INDICATION
- K-TYPE THERMOCOUPLE (OPTION)
- HANDHELD LIGHTWEIGHT DESIGN
- READING HOLD FUNCTION
- MAXIMUM RECORD
- °C or °F ANNUNCIATORS DISPLAY
- 1°C OR 0.1°C (1°F or 0.1°F)
- °C °F SWITCHABLE ON FRONT PANEL
- SINGLE THERMOCOUPLE INPUT
- USER-SELECTABLE RESOLUTION

General

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

Sampling Rate: 2.5 times per second

Battery: One 9 V battery (6F 22)

Dimensions (mm): 148(H)x71(W)x36(D)

Weight: 208g (including battery)

Power current: Approx. DC 2.8mA (typical)

Enclosure

1. Manual
2. Battery 9V .
3. Rubber Holster