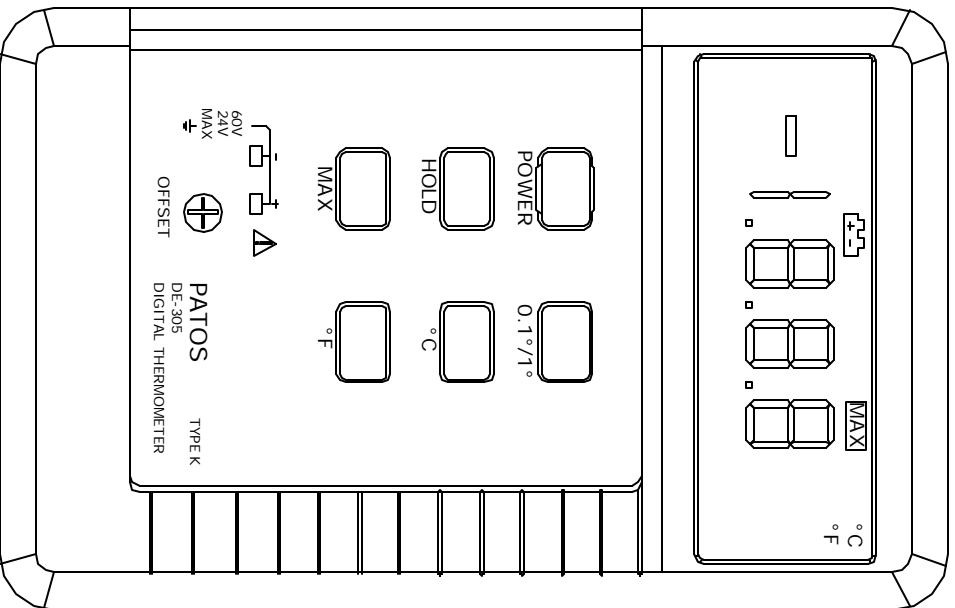


# DIGITAL THERMOMETER

## DE-305



### Specifications

#### Technical

**Temperature scale:** °C or °F User-Selectable.  
**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°C) -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 standard when making the adjustment. Although making the adjustment may increase errors for using different thermocouples

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

#### General

**Display:** 31/2 digit liquid crystal display (LCD) with maximum reading of 1999.

**Sampling Rate:** 2.5 times per second

**Battery:** One 9V 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

#### Accessories for Customer Option

1. NR-31B
2. NR-33
3. NR-34
4. NR-39
5. NR-34-INCO

- 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
- Front Panel Offset Adjustment