



## THERMOMETERS –D SERIES (Digital thermometers, Type ‘K’)

### Applications:

A handy, economical, compact thermometer which consistently provides high precision and accuracy regardless of environmental conditions. Designed to work effectively without much power and will work continuously. Assortments of temperature probes are available to accommodate different applications. Most commonly used to monitor bearings, pump, electrical motors and other heating generating machinery.

### Specifications:

**Model:** HT-305,

**Temperature Scale :** °C or °F

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

**Input Sensor :** HT-305 (Single Type “K” Thermocouple

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

**Meter Operating Range :** For Using at 0° ~ 50°C. Environment (32°F ~ 122°F)

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

The accuracy specification does not include thermocouple sensing probes accuracy

**Temperature Coefficient :** 0.1 times the applicable accuracy specification per °C from 0°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 marking the adjustment may increase measurement errors for using different thermocouple.

**Maximum Input :** 60VDC or 24V rms ac. To input pins or any input and ground.

**Display :** 3½ digit liquid crystal display (LCD) with maximum reading 1999

**Sampling Rate :** 2.5 times per second

**Battery :** One 9 V Battery (6F 22)

**Dimension (mm) :** 148(H) x 71(W) x 36(D)

**Weight :** 208g (including battery)

**Power Current :** Approx. DC2.8mA (typical)

### **Included Accessories -**

Operation Manual - One Battery (9V) -

Rubber Holster + Stand Rack (Blue Colour) -

Thermocouple NR-30 (HT-305 x 1pc)



\*\* Non-standard specifications from above can be customize on indent basis.

\*\*\*All information subject to changes without prior notice owing to continuous development.