

# HOTTEMP

## Digital Portable Hand Held Thermometer

- Large Size LCD Indication
- Low Battery Indication
- K-Type Thermocouple (Optional)
- Handheld Light Weight Design
- Reading Hold Function
- Maximum Record
- °C or °F Switchable on front Panel
- 1°C or 0.1°C (1°F or 0.1°F)
- Single or Double Thermocouple Input
- Front Panel Offset Adjustment



### Technical Specifications

<b>Temperature Scale</b>	: °C or °F User-Selective
<b>Resolution</b>	: 1°C or 1°F or (0.1°C or 0.1°F) User-Selective
<b>Input Sensor</b>	: <b>HT-305</b> (Single Type "K" Thermocouple) <b>HT-306</b> (Double Type "K" Thermocouple)
<b>Measurement Range</b>	: -50°C ~ 1300°C (-59°F ~ 2000°F)
<b>Meter Operating Range</b>	: For Using at 0° ~ 50°C Environment (32°F ~ 122°F)
<b>Accuracy</b> (18°C ~ 28° ambient)	: (0.3%rdg + 1°C) -50°C ~ 1000°C : (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
<b>Temperature Coefficient</b>	: 0.1 times the applicable accuracy specification per °C from 0°C
<b>Error Offset</b>	: 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.
<b>Maximum Input</b>	: 60VDC or 24V rms ac. To input pins or any input and ground.
<b>Display</b>	: 3½ digit liquid crystal display (LCD) with maximum reading 1999
<b>Sampling Rate</b>	: 2.5 times per second
<b>Battery</b>	: One 9 V Battery (6F 22)
<b>Dimension (mm)</b>	: 148(H) x 71(W) x 36(D)
<b>Weight</b>	: 208g (including battery)
<b>Power Current</b>	: Approx. DC2.8mA (typical)

### Included Accessories

- Operation Manual
- One Battery (9V)
- Rubber Holster + Stand Rack (Blue Colour)
- Thermocouple NR-30 (HT-305 x 1pc) (HT-306 x 2pcs)

## TEMPERATURE PROBE

DRAWING (MM)	Model	Type	Max.	Handle	Cable	Applications
	NR-31B	K	500°C	BAKELITE	Single Wire=1M Elastic Wire=2M	Surface High Temperature surface
	NR-32	K	500°C	BAKELITE	Single Wire=1M Elastic Wire=2M	Surface High Temperature surface
	NR-33	K	500°C	BAKELITE	Single Wire=1M Elastic Wire=2M	Surface
	NR-33S	K	500°C	BAKELITE	Single Wire=1M Elastic Wire=2M	Surface
	NR-34	K	1000°C	BAKELITE	Single Wire=1M Elastic Wire=2M	Air Immersion
	NR-34A	K	600°C	BAKELITE	Single Wire=1M Elastic Wire=2M	Air Immersion
	NR-35A	K	400°C	BAKELITE	Single Wire=1M Elastic Wire=2M	Flow Surface
	NR-35B	K	250°C	BAKELITE	Single Wire=1M Elastic Wire=2M	Flow Surface
	NR-38	K	900°C	BAKELITE	Single Wire=1M Elastic Wire=2M	Air
	NR-M39	K	250°C	-	Single Wire=1M	Magnetic