

## PORTABLE DIGITAL THERMOMETER

### FEATURES :

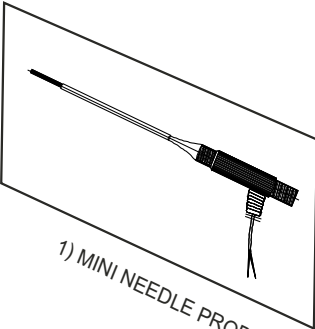
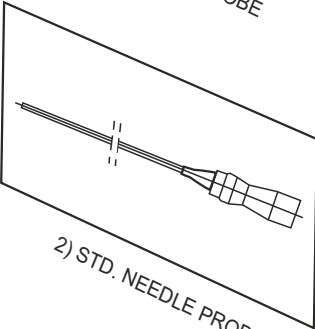
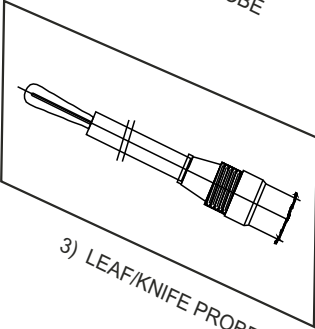
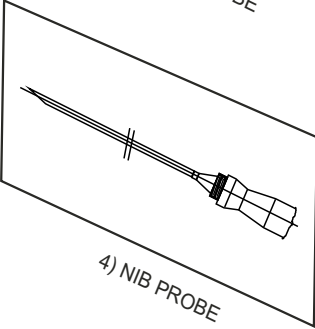
- ❖ Indispensable tool for all industries.
- ❖ Wide temperature range - 100°C to 1200° C.
- ❖ Small, light, rugged and battery operated.
- ❖ Various interchangeable probes.
- ❖ Quick response.
- ❖ ABS housing.
- ❖ Available with both standard and miniature thermocouple connector.

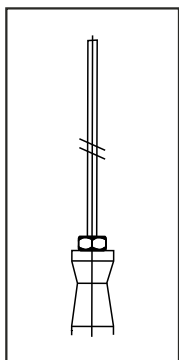


**APPLICATIONS :** Measure temperature of Solid Surface, Liquid, Powder, Gas, Hot Air, Cold Storage, Vibrating Surface, Cylindrical Surface, Rotating Surface, Electronic/Electrical Components, Hot Mould, Oven, Furnace, Environment etc.

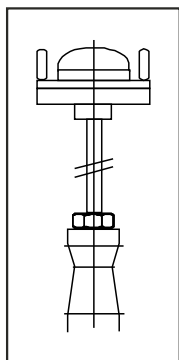
### TECHNICAL SPECIFICATIONS :

<b>Sensor</b>	: Cr/Al (K type) thermocouple or RTD (Pt-100) probes.
<b>Range</b>	: -100°C to 1200°C (Subject to Probe used).
<b>Resolution</b>	: 1°C or (0.1°C upto 199.9°C Range).
<b>Accuracy</b>	: ± 0.5% in the specified range.
<b>Display</b>	: 3 and 1/2 digits (0.5" height) liquid crystal display. (With polarity and over range indication)
<b>Cold Junction Compensation</b>	: Automatic. (For thermocouple Input only)
<b>Battery</b>	: Single 9 volt transistor battery. (very easy to replace and very low consumption)
<b>Weak Battery Indication</b>	: 'BAT' indication on display.
<b>Operating Environment</b>	: 0°C to 50°C, 80% Rh.(max.)
<b>Dimensions</b>	: 145 (L) X 29 (H) X 80 (W) mm.
<b>Weight</b>	: 200 gms. (approx.).

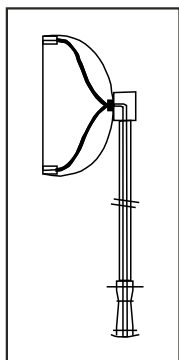
PORTABLE PROBES FOR DIGITAL THERMOMETER	
TYPE	
	1. Mini - Needle 300°C (for liquid/powder)
	2. Standard needle 300°C (for liquid/powder)
	3. Leaf / Knife 600°C (for flat surface)
	4. Nib probe 300°C
	5. Gas Probe 300°C/800°C
	6. Gas Probe Pt- 100 (- 50°C to 600°C)
	7. Pierce-in probe 300°C
	8. Immersion probe 1000°C M.I. Inconel
	9. Immersion probe Pt-100 (- 50°C to 600°C)
	10. Flat Surface Bow 300°C/600°C
	11. Std. Bow - 300°C (for cylindrical or round surface)
	12. Mini Bow - 300°C
	13. Roller Type (for rolling surface)
	5) GAS PROBE
	6) GAS PROBE (Pt-100)
	7) PIERCE-IN-PROBE
	8) IMMERSION PROBE (M. I. INCONEL)



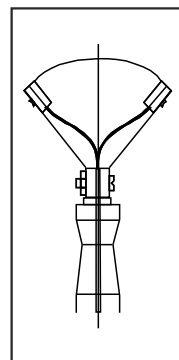
9) IMMERSION PROBE (Pt-100)



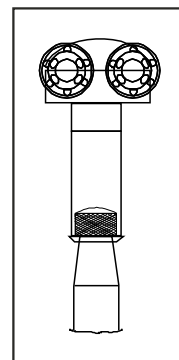
10) FLAT SURFACE BOW PROBE



11) STD. BOW PROBE



12) MINI BOW PROBE



13) ROLLER TYPE PROBE