



## PORTABLE DIGITAL THERMOMETER

### COMMON SPECIFICATIONS

Display	: 3 1/2 Digit LCD 'LO BAT' Indication
Cold Junction Compensation	: Automatic For T/C
Sensor Input	: Pt-100 RTD , Fe/con T/C & Cr/Al T/C
Accuracy	: Pt-100 RTD 0.2%, Fe/con & Cr/Al -T/C 1%
Sensor open Indication	: By "1" at MSD
Range	: -100.0 to 199.9 °C / -200 to 600 °C for Pt-100 RTD : -50 to 600 °C for Fe/Con & -50 to 1200 °C for Cr/Al T/C
Operating Temperature	: 0 to 50 °C (RH < 80%)
Supply	: 9 V.DC. Battery, Dry ( Battery life 8 hrs Continuous)
Dimensions	: 145 x 80 x 30 mm (H x W x D)
Weight	: 200 gms. Approx



DTM-100

### ORDERING CODE :

DTM-100 - I - R

(OTHER OPTIONS)

I (INPUT)	R (RANGE)
P1 : Pt-100 (0.1°C) RTD	0 : -100.0 to 199.9 °C
P2 : Pt-100 (1 °C) RTD	4 : -200 to 400 °C
J : Fe / Con T/C	6 : -50 to 600 °C
K : Cr / Al T/C	12 : -50 to 1200 °C

### PORTABLE DIGITAL THERMOMETER FOR SUITABLE SENSOR

<p><b>CAT NO. 100-01</b> NEEDLE PROBE (Temp.Range 600°C)</p>  <p>very small diameter gives fast response in air and liquids sensor</p>	<p><b>CAT NO. 100-02</b> LEAF PROBE (Temp. Range 600 °C)</p>  <p>Fast response for measuring flat surfaces.</p>
<p><b>CAT NO. 100-03</b> PRICK PROBE (Temp.Range 600 °C)</p>  <p>Chisel-like sharp tip allows easy penetration into semi-solids.</p>	<p><b>CAT NO.100-04</b> GENERAL PROBE (Temp. Range 1000 °C)</p>  <p>Used for air and liquid immersion measurement.</p>
<p><b>CAT NO. 100-05</b> AIR PROBE (Temp.Range 800 °C)</p>  <p>Used for Gas or Air in ducts, chambers.</p>	<p><b>CAT NO. 100-06</b> BOW PROBE (Temp. Range 800 °C)</p>  <p>Used for moving or static convex surfaces, roller etc.</p>
<p><b>CAT NO.100-07</b> HIGH TEMP. PROBE (Temp.Range 1200°C)</p>  <p>Inconel 600 sheath used for Air &amp; Liquid immersion probe.</p>	<p><b>CAT NO. 100-08</b> NEEDLE PROBE RTD 3 WIRE Temp.Range -200 to 600 °C</p>  <p>Used for air &amp; liquid immersion measurement probe.</p>

Note : • Heavy Leaf & Bow Probe is possible for 1000 °C • Other user suitable probe as per your requirement  
• MI cr / Al (K) SS 316 , 310, Inconel 600 Dia. 1, 1.5, 3, 4.5, 6, 8 mm probe is possible.