

nippon's **HANDHELD THERMOMETERS**

FEATURES

nippon 1000 & 1000A are pocket size Thermometers which combines convenience, accuracy and quick temperature measurement. The instrument operates on low power 3 1/2 digit A/D converters & instrumentation OPAMPS.

- Small, Light, Battery Powered,
- Bright 3 1/2 Digit Liquid Crystal Display
- Accurate & Rapid Response
- Wide Application
- Economical price !!

Above Pocket Thermometers are used with different types of HANDLE PROBES for various applications.

APPLICATION	DESIGN	TEMPERATURE
Air / Exhaust / Air Vent	GAS PROB	500 / 800 °C
Liquid, General	IMMERSION	400 / 800 / 1200 °C
Rolling, Curved Surface	BOW PROBE	400 / 600 °C
Soft & Semifrozen, Semisolid	NEEDLE PROBE	800 °C
Objects, Molten Plastic, Rubber		
Molds, Plates, Walls, Dies,	LEAF PROBE	400 / 800 °C
Bearing & Others Stationary Surface		

See the backside for further details.

Contact factory for special application.



SPECIFICATIONS

Range	: -100.0 To 199.9 °C for Nippon 1000 A (Pt-100) -100 To 600 °C for Nippon 1000 (Pt-100) -100 To 1150 °C for Nippon 1000 (Cr / Ar)
Accuracy	: For R.T.D. 0.25 % of F.S.D. For Cr / Al Thermocouple 0.7 % of F.S.D.
Display	: 3 1/2 digit, 12.5mm height, Easy to read liquid crystal display
Display Update	: 3 Readings / Second
Open / Broken Sensor	: Display indicates '1'
Ambient Compensation	: Automatic with excellent linearity
Battery	: 9 Volt, Super Heavy Duty
Low BATT	: Indication Provided
Ambient Conditions	: 45 °C & 80% RH
Connector	: 3 Pin Mating BSM Connector
Housing	: ABS moulded, Industrial grade construction
Weight	: Maximum 180 gms

NOTE

- Display Hold facility on request
- °F Range on request
- High Temperature (1600°C) probes & instruments available
- E.R.T.L. Certified / tested instruments also available