

INPUT : Pt100



- Resolution : 0.1/1°C
- Battery : Standard 9V
- Display : 3 ½ digit, 0.5" LCD with maximum reading of 1999
- Accuracy : -150.0°C ~ 199.9°C : ± 0.6 °C  
-200°C ~ 600°C : ± 2°C
- Large variety of probes for all applications

## SPECIFICATIONS

All specifications at ambient of 25 °C, unless specified otherwise

### ELECTRICAL

Measurement range	-200°C ~ 700°C
Resolution	1°C, 0.1 °C
Accuracy	-150.0°C ~ 199.9°C : ± 0.6°C -200°C ~ 600°C : ± 2°C
Temperature coefficient of accuracy	0.1 x (applicable accuracy) / °C
Display update rate	2.5 times per second

### ENVIRONMENTAL

Ambient operating range	0 ~ 50°C
Storage temperature	-20 ~ 60°C
Relative humidity	0 ~ 90%

### GENERAL

Display	3½ digit, 0.5" (12.7 mm) liquid crystal display (LCD) with maximum reading of 1999
Battery	Standard 9V battery (NEDA 1604, IEC 6F22)
Battery life	100 hours typical with carbon zinc battery
Dimensions (in mm)	130(H) x 66(W) x 17(D)
Weight	150 gm
Over range/Sensor break indication	Display will indicate 1
Battery replacement	"BAT" appears on the LCD display when replacement is needed See overleaf. These are to be ordered separately
RTD probes	

ORDER CODE

2205

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## Standard RTD Probes To be ordered separately

### Pt100, Class 'B'

Sr.No.	Description	Dia(mm)	Length(mm)	Range (°C)	Order Code	Application Details
1	Standard Immersion	5	300	0~250	AC12001210	Used for air & liquid immersion measurements.
2	Standard Immersion (M.I)	5	300	0~400	AC13001210	Mineral Insulated (MI) type. Vibration and shock proof.
3	Standard Immersion (M.I)	5	300	-100~400	AC13011210	Mineral Insulated (MI) type. Vibration and shock proof, suitable for sub-zero temperature.
4	Quick Response Immersion (M.I)	3	300	0~400	AC13021210	Mineral Insulated. Hence bendable and vibration proof. Fast responding.
5	Teflon Coated Immersion	6	300	0~200	AC12061210	Special TEFLON coating allows use in corrosive acids and alkalies.
6	Needle Probe	2	150	0~200	AC12081210	Very small diameter gives fast response in air and liquids.
7	Prick Probe	4/3	50	0~200	AC12121210	For molten rubber, frozen food, etc. Heavy duty construction.
8	Air Probe	8	300	0~250	AC12141310	For air or gas in ducts, chambers, etc. Exposed RTD element with perforated shield prevents radiation heating.
9	Air Probe	8	300	0~400	AC12151310	For air or gas in ducts, chambers, etc. Exposed RTD element with perforated shield prevents radiation heating.

Consult us for Class A accuracy, other sheath lengths, cable lengths, etc.



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#### OTHER ENQUIRIES

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