

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 to 199.9°C : ± 0.3 °C
-200°C to 600°C : ± 1°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 : ± 0.3°C
 -200°C ~ 600°C : ± 1°C
 Accuracy is specified for ambient 18°C to 28°C for 1 year. It does not include Pt100 error.

Temperature coefficient of accuracy 0.1 x (applicable accuracy) / °C, for ambient 0~18°C and 28~50°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

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Standard RTD Probes*

Sr.No.	Description	Dia (mm)	Length (mm)	Range (°C)	Order Code
1	Standard Immersion	5	300	0 ~ 250	BAC 12501200
2	Standard Immersion (M.I)	5	300	0 ~ 400	BAC 13501200
3	Standard Immersion (M.I)	5	300	-100 ~ 400	BAC 13511200
4	Quick Response Immersion	3	300	0 ~ 250	BAC 12521200
5	Quick Response Immersion (MI)	3	300	0 ~ 400	BAC 13521200
6	Teflon Coated Immersion	6	300	0 ~ 200	BAC 12561200
7	Needle Probe	2	150	0 ~ 200	BAC 12581200
8	Air Probe	8	300	0 ~ 250	BAC 12541300
9	Air Probe	8	300	0 ~ 400	BAC 12551300

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

*** To be ordered separately**

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