

SPECIFICATIONS FOR STANDARD PLATINUM RESISTANCE THERMOMETER

General:

Vibration proof 4 lead type Pt100 RTD with 7mm OD & immersion length of minimum 600mm with INCONEL sheath with flexible 2 meter length Teflon insulated tinned copper wire with suitable male plug.

Temperature Range:	-200°C to 670°C
Resistance Value Ro:	25.5 Ω
Total Uncertainty:	not to exceed 15 milli Kelvin at 670°C
Self heating:	< 0.004 deg C at 1 ma current
Resistance Ratio as per ITS-90:	1.11807
Long Term Drift:	$\geq 0.001^{\circ}\text{C}/\text{year}$
Sheath Length	$\geq 600\text{mm}$
Sheath Diameter	7.5mm
Sheath material:	Inconel to suit 670°C
Calibration	Water T.P., Tin F.P., Zinc F.P., Aluminum F.P. Print-out of temperature at intervals of 0.01°C

Accessory: Suitable carrying box
 Operation instruction
 Calibration Certificate 4 point and print out for the range at the interval of 0.01°C

PLEASE NOTE:

1. The instrument offered can be better than the above specifications
2. Should have service facility in India with factory trained engineers to take care of the equipment supplied and to reduce the down time.
3. The product catalogue should contain only the product offered in depth preferably highlighting the model offered.
4. Two sets of original product catalogue to be enclosed with the offer, without this offer will be rejected totally.
5. Vendor should submit the offer with detailed specification of the product offered. The offers given as “**as per your specifications**” will be rejected.