

Temperature Measurement system in Liquid Metal

- High Accuracy
- Easy to operate
- Reliable
- Easy to maintain
- High flexibility
- Simple to install



SSS-016

SSS Temperature measuring instruments use microprocessor controlled electronics, thus making temperature measurements user friendly

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TECHNICAL SPECIFICATIONS

Model-SSS 016. Molten metal temperature measurement & Monitoring system, consisting of 3½ digit, 2½" character size BRIGHT LED display. (This is a unique feature only available in our system.) The instrument is completely automatic and no operator interface is required once the power is switched on except handling the lance/thermocouple.

Measuring Range	1200-1750°C OR 600-1750°C, fully software linearised for TYPE-S (Pt/Pt-Rh10%), TYPE-R (Pt/Pt-Rh13%) and for TYPE-B Thermocouple
Measuring principle	Plateau detection & Latching.
Resolution	±1°C
Data Storage	For the last 10 readings
Automatic cold junction compensation	Provided from 0°-50°C.
Process indication(Signal lamp)	Provided.
(Through both audio and visual display. A facility only available in our system).	
Diagnostic data	Available.(A facility only available in our system).
Calibration	As per ITS 90 table.
Serial output facility	RS 485 available
Facility to connect Field display	Provided
Facility to connect Traffic Light	Provided
Facility for Printer	Provided. This requires a Converter between PC and instrument. This is to be ordered separately.
Facility for PC Communication	Provided. This requires a Converter between PC and instrument. This is to be ordered separately.
Supply Voltage	220V ±10% 50HZ.
Measuring Time	Adjustable from 1-10 Secs.
Dimensions	W-294 mm, H-240 mm, D-175 mm
Weight	4.5 Kg.
Panel cut out dimensions	262mm x 212 mm
