

# SSS Technical Services Pvt. Ltd.

## Temperature Measurement system for Liquid Metal



SSS-056

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

**Model-SSS 056.** Microprocessors based molten metal temperature measurement & Oxygen Monitoring system, on a 10" Colour LCD monitor, along with process graph 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.

Range:	1200-1756°C, fully software linearised for TYPE-S (Pt/Pt-Rh10%), TYPE-R (Pt/Pt-Rh13%), and 1200-1820°C for TYPE-B (Pt-Rh6%/Pt-Rh30%)thermocouple
Measuring principle	Plateau detection & Latching.
Real-time clock & calendar	Provided.
Automatic cold junction compensation	Provided from 0°-50°C.
Process indication(Signal lamp)	Provided through our unique on SCREEN SYSTEM. (Through both audio and on-screen visual display. A facility only available in our system).
Recordings of Last reading with graph	Provided for last 1000 readings. (A unique facility only available in our system).
Printing of all memorised readings	Provided.(A facility only available in our system .)
Calibration	As per ITS 90 table.
RS-232/485 Serial output facility	Optional feature
Ethernet Communication	Default
Field signal lamp Unit with Hooter	Optional supply
Power Supply Requirement	220 AC±10%, 50HZ