

CALsys
-196/-80**-196 to -80°C**

PORTABLE RTD CALIBRATOR GENERAL

CALsys -196/-80 offers ultra low temperature range from -196 to -80°C. It is a highly stable standard source for calibrating Thermocouples / RTD. It has been designed for low temperature range calibration and find application in the glass, pharma, electrical power, automotive & material processing industries.

The comparison volume is a metallic block of special material, which is 25 mm in diameter with 300 mm long.

The temperature of the calibrator is set and controlled by a self tuned PID controller with automatic super fine adjustment.

KEY FEATURES

- ✓ Large Immersion Depths
- ✓ Wide Operating Range (-196 to -80°C)
- ✓ High Stability
- ✓ PC interfacing
- ✓ Simple to use and cost effective
- ✓ Separate control box

STANDARD ACCESSORIES

- Reference Standard RTDPart No.TPRT-A-300
- **NABL** accredited calibration certificate - 3 point
- **Software** - Cal Soft including for setting bath temperature and monitoring the PV. Graphical representations of PV/TIME with 2 hours data logging.
- Operational Manual

OPTIONAL ACCESSORIES

Customized Equalizing Block....Part No. EQ2



SPECIFICATIONS

Temperature Range : -196 to -80°C

Temperature Resolution : 1.0°C

Stability : ±0.1°C

Uniformity : ±0.2°C

Controlling Sensor : RTD PT100

Method of Control : Digital self tuned PID Controller

Insert Construction : Dia 25 x 300 mm long

(2X6mm & 2X8 mm holes) of 300mm insertion depth

Time to Reach Max Temp : 30 Mins

Computer Interface : RS - 232

Operating Temperature : 20 to 45°C

Power Requirement : 230 VAC, 300 W

Dimensions : 580(H) x 280(Dia)

Dimension of Control Panel : 270(H) x 380(W) x 270(D)