

CALsys
-35/200



-35 to 200°C

HIGH STABILITY BATH

GENERAL

CALsys -35/200 is a Highly Stable Stirred Liquid Bath for calibrating RTD / Thermocouple and also for compensation of cold junction.

CALSys-35/200 offers the temperature range of -35 to 200°C. It has large well which is filled with liquid (Water+Methanol /Silicon Oil). The liquid is heated or cooled to the desired temperature. Methanol+Water is used for Negative Temperature and Silicon Oil for Heating.

It has better stability & uniformity than dry block bath and as it uses of stirred liquid.

This CALsys -35/200 is built using CFC free refrigerants.

KEY FEATURES

- ✓ High Accuracy
- ✓ High Stability and Uniformity
- ✓ Wide Temperature Range
- ✓ PC interfacing
- ✓ Simple to use and cost effective
- ✓ LCD screen controller
- ✓ Level Alarm

STANDARD ACCESSORIES

- Reference Standard PRT...Part No.TPRT-A-300
- **NABL** accredited calibration certificate - 3 point
- **Software** - Including for setting bath temperature and monitoring the PV. Graphical representations of PV/TIME.
- Operational Manual

OPTIONAL ACCESSORIES

Methanol.....10 Ltr. No.(3050-M)

Silicon Oil.....10L Part No.C200S-LB SO



SPECIFICATIONS

Temp Range : -35 to 200°C

Stability : ±0.01°C at -35°C (Methanol)
±0.05°C at 0°C (Methanol)
±0.04°C at 200°C (Silicon Oil)

Uniformity : ±0.03°C at -35°C
±0.07°C at 0°C
±0.07°C at 200°C

Temperature Resolution : 0.01°C

Time to Reach Max Temp : 1.5 Hrs

Medium Cooling : Methanol + Water

Medium Heating : Silicon Oil

Controlling Sensor : PT-100

Volume : 7 Ltr.

Access Opening : 157(L) x 142(W)

Depth : 127 mm

Method of Control : Digital self tuned PID Controller

Computer Interface : RS - 232

Operating Temperature : 20 to 25°C

Wetted Part : SS-304

Power Requirement : 230 VAC, 2.0 KW

Dimensions : 540(L) x 220(W) x 620(H)mm

Weight : Approx 41 Kg