

CALsys
-40/50



-40 to 50°C

HIGH STABILITY BATH

GENERAL

CALsys -40/50 is a Highly Stable Stirred Liquid Bath for Calibration RTD / Thermocouple and also for compensation of cold junction.

CALsys -40/50 offers the temperature range of -40 to 50°C. It has large tank which is filled with liquid Methanol. The liquid is heated or cooled to the desired temperature.

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

This CALsys -40/50 is built using CFC free refrigerants.



KEY FEATURES

- ✓ Large Immersion Depths
- ✓ High Accuracy
- ✓ High Stability and Uniformity
- ✓ Wide Temperature Range
- ✓ PC Interface
- ✓ Simple to use and Cost effective

STANDARD ACCESSORIES

- Reference Standard PRT...Part 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

Methanol5 Ltr. No.(3050-M)

SPECIFICATIONS

Temp. Range : -40 to 50°C

Stability : ±0.04°C at -40°C (Methanol)
±0.07°C at 0°C (Methanol)
±0.05°C at 50°C (Water)

Uniformity : ±0.05°C at -40°C
±0.09°C at 0°C
±0.07°C at 50°C

Temperature Resolution : 0.1°C

Time to Reach Min. Temp. : 1.5 Hrs

Medium : Methanol

Controlling Sensor : PT-100

Volume : 3 Ltr.

Access Opening : 90 x 90 mm

Depth : 150 mm

Method of control : Digital self tuned PID Controller

Computer Interface : RS - 232

Operating Temperature : 20 to 25°C

Power Requirement : 230 VAC, 2.0 KW

Dimensions : 500 x 350 x 450 mm (Approx.)

Weight : 40 Kgs.

(Large depth available on custom built model)