

**CALsys**  
**-35/50**



**-35 to 50°C**

## HIGH STABILITY THERMOSTAT TESTING BATH GENERAL

CALsys -35/50 is a Highly Stable Stirred Liquid Bath for testing of multiple thermostats simultaneously.

Thermostats offers the temperature range of -35 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 continues stirrer liquid provides uniform temperature distribution.

This CALsys -35/50 is built using CFC free refrigerants.

It specially designed to test 50 numbers of thermostat at a time.

## KEY FEATURES

- ✓ LED Light Indication for each thermostat
- ✓ 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

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



## SPECIFICATIONS

**Temp. Range :** -35 to 50°C

**Stability :** ±0.04°C at -35°C (Methanol)  
±0.07°C at 0°C (Methanol)  
±0.05°C at 50°C (Water)

**Uniformity :** ±0.05°C at -35°C  
±0.09°C at 0°C  
±0.07°C at 50°C

**Temperature Resolution :** 0.1°C

**Time to Reach Min. Temp. :** 2 Hrs

**Medium :** Methanol

**Controlling Sensor :** PT-100

**Access Opening :** 220 x 180 mm

**Depth :** 250 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 :** 750 x 850 x 650 mm

**Weight :** 80 Kgs.

(Large depth available on custom built model)