

**CALSYS TSB  
-40/50**

**-40 to 50°C**

**HIGH STABILITY THERMOSTAT TESTING BATH**

CALsys TSB -40/50 is a Highly Stable Stirred Liquid Bath for testing of multiple thermostats simultaneously. Thermostats 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 continues stirrer liquid provides uniform temperature distribution. This CALsys TSB -40/50 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



**SPECIFICATIONS**

<b>Temperature Range</b>	: -40 to 50°C
<b>Stability</b>	: ±0.04°C at -40°C ±0.07°C at 0°C ±0.05°C at 50°C
<b>Uniformity</b>	: ±0.05°C at -40°C ±0.09°C at 0°C ±0.07°C at 50°C
<b>Temperature Resolution</b>	: 0.1°C
<b>Time to Reach Min. Temp.</b>	: 2 Hrs
<b>Medium</b>	: Methanol
<b>Controlling Sensor</b>	: PT-100
<b>Access Opening</b>	: 90 x 90 mm
<b>Depth</b>	: 150 mm
<b>Method of Control</b>	: Fully automatic control with 50 DI. User friendly HMI screen with 10 sets of program LED indication along with the data logging provision to test 50 Nos. Thermostat at one time.
<b>Display</b>	: HMI screen
<b>Computer Interface</b>	: RS - 232
<b>Operating Temperature</b>	: 20 to 25°C
<b>Power Requirement</b>	: 230 VAC, 2.0 KW
<b>Dimensions</b>	: 1200 x 630 x 500 mm
<b>Weight</b>	: 80 Kgs.

