

**CALSYS**  
**-40/50 GTB**  **-40 to 50°C**

### HIGH STABILITY GLASS THERMOMETER TESTING BATH

CALsys -40/50 GTB is a Highly Stable Stirred Liquid Bath for Calibration RTD / Thermocouple and also for compensation of cold junction. This specific model also offers small Thermometer Calibration facility with sight glass arrangement.

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



### SPECIFICATIONS

**Temp. Range** : (-40) to 50°C

**Stability** : ±0.04 at -40°C  
±0.07 at 0°C  
±0.05 at 50°C

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

**Temperature Resolution** : 0.1°C

**Time to Reach Min. Temp.** : 1.5 Hrs

**Controlling Sensor** : PT-100

**Volume** : 9 Ltr.

**Access Opening** : 120 x 120 mm

**Method of control** : Self Tuned PID  
Controller

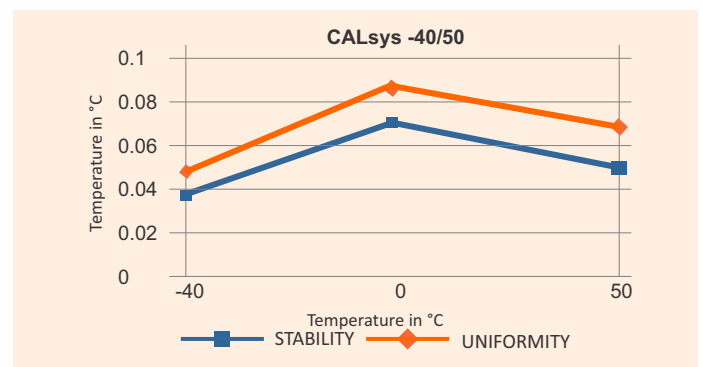
**Computer Interface** : RS - 232

**Operating Temperature** : 0 to 25°C

**Power Requirement** : 230 VAC, 2.0 KW

**Dimensions** : 630 x 1200 x 500 mm

**Instrument Weight** : 60 Kg



### KEY FEATURES

- ✓ Sight glass arrangement for clear viewing Glass Thermometer immersion depth
- ✓ Low Liquid Level safety interlocks
- ✓ Large Immersion Depths
- ✓ High Accuracy and Stability
- ✓ Wide Temperature Range
- ✓ PC Interface

### 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.