



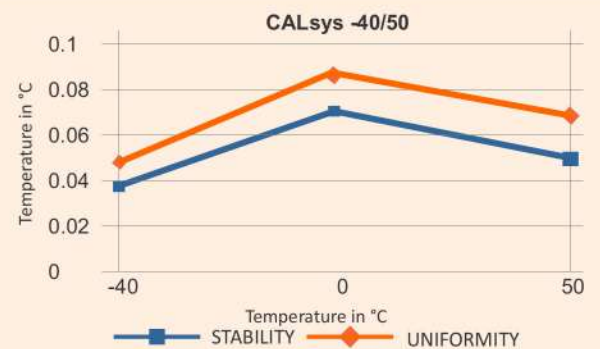
HIGH STABILITY BATH

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.



SPECIFICATIONS

| | |
|----------------------------------|---|
| Temp. Range | : -40 to 50°C |
| Stability | : ±0.04°C at -40°C ±0.07°C at 0°C ±0.05°C at 50°C |
| 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 | : 9 Ltr. |
| Access Opening | : 120 x 120 mm |
| Depth | : 200 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 | : 630(W) x 1200(H) x 500(D) mm (Approx.) |
| Weight | : 60 Kg (without packing) |



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.