

**CALSYS**  
**-80/50**



**-80 to 50°C**

## HIGH STABILITY BATH

CALsys -80/50 is a Highly Stable Stirred Liquid Bath for Calibration RTD / Thermocouple and also for compensation of cold junction. CALsys -80/50 offers the temperature range of -80 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 -80/50 is built using CFC free refrigerants.

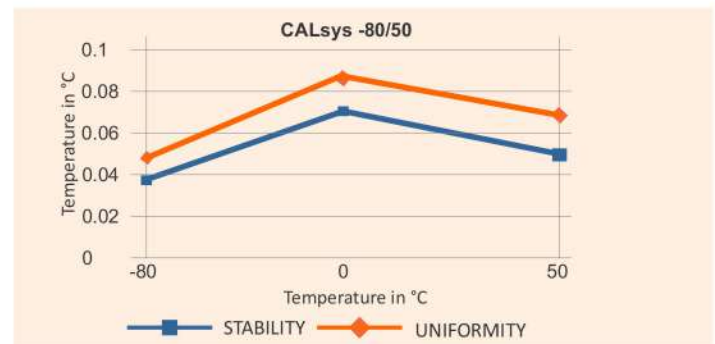


## SPECIFICATIONS

<b>Temp. Range</b>	: -80 to 50°C
<b>Stability</b>	: ±0.04°C at -80°C ±0.07°C at 0°C ±0.05°C at 50°C
<b>Uniformity</b>	: ±0.05°C at -80°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>Volume</b>	: 9 Ltr.
<b>Access Opening</b>	: 120 x 120 mm
<b>Depth</b>	: 200 mm
<b>Method of control</b>	: Digital self tuned PID Controller
<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>	: 630 (W) x 1200(H) x 500 (D)mm
<b>Weight</b>	: 114.7 Kg (without packing)

## OPTIONAL ACCESSORIES

- Methanol 5 ltr. (3050)



## 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.



Carrying Case



Interchangeable Inserts  
(as per requirement)