

CALsys -40/50 is a Highly Stable Stirred Liquid Bath for testing of multiple thermostats simultaneously. Thermostats offers the temperature range of -40°C 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 -40/50 is built using CFC free refrigerants. It specially designed to test 50 numbers of thermostat at a time.



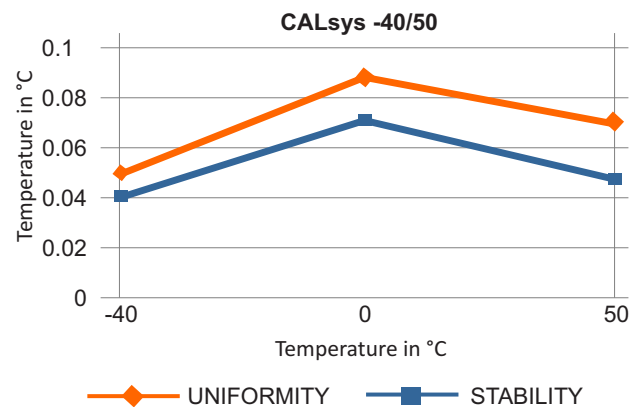
## Technical Specification

Temp. Range	: -40 to 50°C
Stability	: ±0.04°C at -40°C (Methanol) ±0.07°C at 0°C (Methanol) ±0.05°C at 50°C (Water)
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.	: 2 Hrs
Medium	: Methanol
Controlling Sensor	: PT-100
Access Opening	: 90X90 mm
Depth	: 150 mm
Method of control	: 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. Thermostats at one time
DISPLAY	: HMI screen
Computer Interface	: RS - 232
Operating Temperature	: 20 to 25°C
Power Requirement	: 230 VAC, 2.0 KW
Dimensions	: 1200x630x500(HxWxD) mm
Weight	: 80 Kgs.

## Optional Accessories

- ✓ Reference Standard PRT...Part No. TPRT-A-300
- ✓ NABL accredited calibration certificate - 3 point
- ✓ Operational Manual

## Parameters



## 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

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