

**CALsys
300 SP**

 **50 to 250°C**

HIGH ACCURACY LIQUID CALIBRATION BATH GENERAL

CALsys 300SP calibration bath is a highly stable standard stirred liquid bath for calibrating RTDs/Thermocouples and other temperature sensors in the laboratory. The temperature of the bath is set and controlled by a self tuned PID controller with automatic super fine adjustment.

The unique features is portability with very high stability and uniformity. The medium used in the bath is silicon oil.

KEY FEATURES

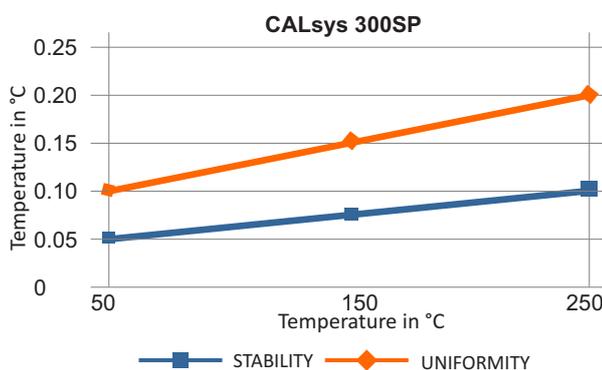
- ✓ Large Immersion Depths
- ✓ Wide Operating Range (50 to 250°C)
- ✓ High Stability and Uniformity
- ✓ PC interfacing
- ✓ Simple to use and cost effective

STANDARD ACCESSORIES

- Silicon Oil..... Part No.C300S-LB-SO
- 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
- Carry Case

OPTIONAL ACCESSORIES

Silicon Oil.....Part No C200S-LB-SO



SPECIFICATIONS

Temperature Range	: 50 to 250°C
Temperature Resolution	: 0.1°C
Stability	: ±0.05°C at 50°C ±0.07°C at 150°C ±0.1°C at 250°C
Uniformity	: ±0.1°C at 50°C ±0.15°C at 150°C ±0.2°C at 250°C
Controlling Sensor	: Precision PRT (PT-100)
Method of Control	: Digital self tuned PID Controller
Medium of Heating	: Silicon Oil
Time to Reach Max Temp	: 45 Mins
Computer Interface	: RS - 232
Operating Temperature	: 20 to 45°C
Power Requirement	: 230 VAC, 2.0 KW
Dimensions	: 600(H) x 350(W) x 550(D) mm
Access Opening	: 100mm x 100mm
Depth	: 150mm
Weight	: 20 Kg(without packing)

Note : Large depth and Access opening available on customer request.