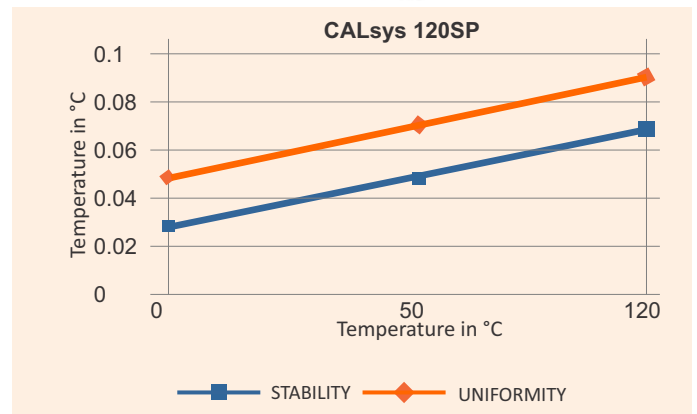


**CALSYS
120SP**

0 to 120°C
PELTIER BASED TEMPERATURE CALIBRATOR

CALsys 120SP offers medium temperature range from 0 to 120°C. It is a highly stable standard temperature source for calibrating RTD /thermocouples. It has peltier elements to generate stable temperature in the well. Use as a dry block & liquid bath using magnetic stirrer in one model. The comparison volume is a metallic block of aluminum, which has diameter of 24mm and 100mm length. The temperature of the calibrator is set and controlled by a self tuned PID controller with automatic super fine adjustment.


SPECIFICATIONS

Temperature Range	: 0 to 120°C
Temperature Resolution	: 0.1°C
Stability	: ± 0.03°C at 0°C ±0.05°C at 50°C ±0.07°C at 120°C
Uniformity	: ±0.05°C at 0°C ±0.07°C at 50°C ±0.09°C at 120°C
Controlling Sensor	: Precision PRT
Medium	: Silicon Oil (for liquid bath)
Method of Control	: Digital self tuned PID Controller
Insert Construction	: Dia 24 x 100 mm long, 3 x 6 mm hole
Time to Reach Max/Min Temp	: 25 Mins
Operating Temperature	: 20 to 25°C
Computer Interface	: RS - 232
Power Requirement	: 230 VAC, 500 W
Dimensions	: 380(H) x 170(W) x 188(D) mm
Weight	: 14 Kg (without packing)

KEY FEATURES

- ✓ Wide Operating Range (0 to 120°C)
- ✓ High Stability
- ✓ PC interfacing
- ✓ Simple to use and cost effective
- ✓ Portability

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
- Carry Case


Carrying Case

**Interchangeable Inserts
(as per requirement)**