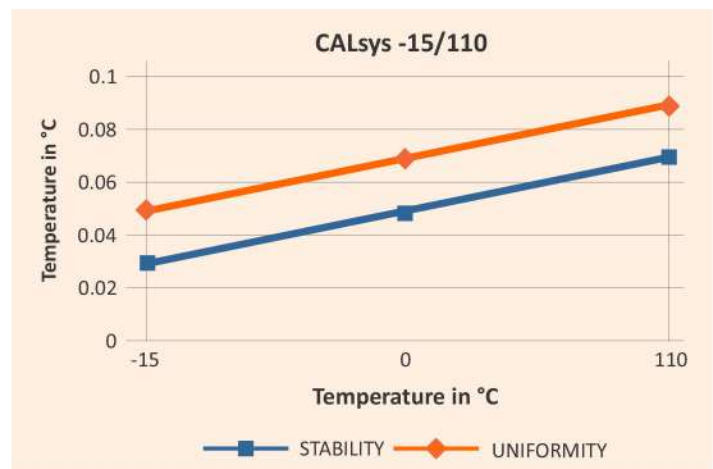


**CALSYS**  
**-15/110**

**-15 to 110°C**

## PELTIER BASED TEMPERATURE CALIBRATOR

CALsys -15 / 110 offers medium temperature range from -15 to 110°C. It is a highly stable standard temperature source for calibrating RTD /thermocouples. It has peltier elements to generate stable temperature in the well. The comparison volume is a metallic block of aluminum, which has diameter of 24mm and 120mm length. The temperature of the calibrator is set and controlled by a self tuned PID controller with automatic super fine adjustment.



### SPECIFICATIONS

<b>Temperature Range</b>	: -15 to 110°C
<b>Temperature Resolution</b>	: 0.1°C
<b>Stability</b>	: ±0.03°C at -15°C ±0.05°C at 0°C ±0.07°C at 110°C
<b>Uniformity</b>	: ±0.05°C at -15°C ±0.07°C at 0°C ±0.09°C at 110°C
<b>Controlling Sensor</b>	: Precision PRT
<b>Method of Control</b>	: Digital self tuned PID Controller
<b>Insert Construction</b>	: Dia 24x120 mm long, 3x6 mm hole with 115mm insertion depth
<b>Time to Reach Max/Min Temp</b>	: 25 Mins
<b>Operating Temperature</b>	: 20 to 25°C
<b>Computer Interface</b>	: RS - 232
<b>Power Requirement</b>	: 230 VAC, 500 W
<b>Dimensions</b>	: 380(H) x 170(W) x 188(D) mm
<b>Weight</b>	: 11.70 Kg (without packing)

### KEY FEATURES

- ✓ Wide Operating Range (-15 to 110°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)