

**CALSYS
650**

50 to 650°C

PORTABLE CALIBRATOR

CALsys 650 offers medium temperature range from 50 to 650°C. It is a highly stable standard furnace for calibrating thermocouples / RTD.

The comparison volume is a metallic block of special material, which has diameter of 32mm and 150mm long. The temperature of the calibrator is set and controlled by a self-tuned PID controller with automatic super-fine adjustment.

SPECIFICATIONS

Temperature Range	: 50 to 650°C
Temperature Resolution	: 0.1°C
Stability	: ±0.025°C at 50°C ±0.035°C at 350°C ±0.07°C at 650°C
Uniformity	: ±0.04°C at 50°C ±0.07°C at 350°C ±0.09°C at 650°C
Controlling Sensor	: T/C "N" TYPE
Method of Control	: Digital self-tuned PID Controller
Insert Construction	: Dia 32 x 150 mm long with 4 holes of 6.5 x 120 mm insertion depth
Time to Reach Max Temp	: 25 Mins
Cooling Time 650 to 100°C	: 70 Mins
Computer Interface	: RS - 232
Operating Temperature	: 20 to 45°C
Power Requirement	: 230 VAC, 1 KW
Dimensions	: 325(H) x 185(W) x 265(D) mm
Weight	: 8.80 Kg (without packing)

OPTIONAL ACCESSORIES

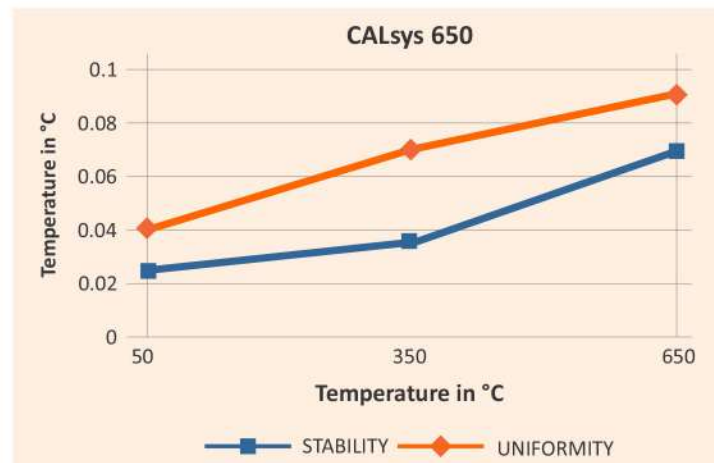
- Customized Equalizing Block....Part No. EQ1



Carrying Case



Interchangeable Inserts
(as per requirement)



KEY FEATURES

- ✓ Large Immersion Depths
- ✓ Wide Operating Range (50 to 650°C)
- ✓ High Stability
- ✓ PC interfacing
- ✓ Simple to use and cost effective

STANDARD ACCESSORIES

- Reference Standard Thermocouple ('K' Type T/C)..... Part No. TTCK-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