

CALsys 650

50 to 650°C

PORTABLE CALIBRATOR GENERAL

CALsys 650 offers medium temperature range from 50 to 650°C. It is a highly stable standard furnace for calibrating thermocouples / RTD . It has been designed for medium range temperature calibration and find application in the glass, electrical power, automotive & material processing industries.

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.

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

OPTIONAL ACCESSORIES

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



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

Time to Reach Max Temp 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 : Approx 10 Kg



Carrying Case



Interchangeable Inserts
(as per requirement)