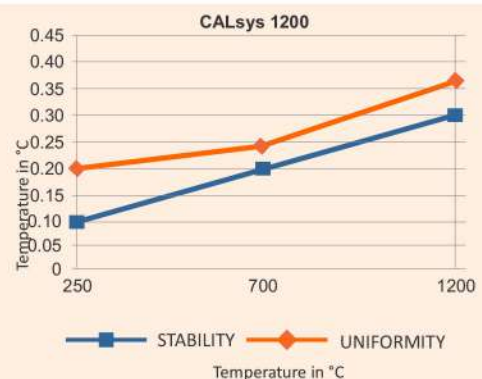


PORTABLE THERMOCOUPLE CALIBRATOR

CALsys 1200 offers high temperature range from 250 to 1200°C. It is a highly stable standard furnace for calibrating Thermocouples / RTD. It has been designed for high temperature range calibration and find application in the glass, electrical power, automotive & material processing industries. The comparison volume is a metallic block of special material, which is 37 mm in diameter with 215 mm long. The temperature of the calibrator is set and controlled by a self tuned PID controller with automatic super fine adjustment. Version with 3 zone furnace is also available.



SPECIFICATIONS

Temperature Range	: 250 to 1200°C
Temperature Resolution	: 1.0°C
Stability	: ±0.1°C at 250°C ±0.2°C at 700°C ±0.3°C at 1200°C
Uniformity	: ±0.20°C at 250°C ±0.24°C at 700°C ±0.36°C at 1200°C
Controlling Sensor	: PT/RH-PTT/C
Method of Control	: Digital self tuned PID Controller
Insert Construction	: Dia 37 x 215 mm long (2X6mm & 2X8 mm holes) of 160mm insertion depth
Time to Reach Max Temp	: 1.5 Hrs
Cooling Time 1200°C to 250°C:	: 180 Mins
Computer Interface	: RS - 232
Operating Temperature	: 20 to 45°C
Power Requirement	: 230 VAC, 1.5 KW
Dimensions	: 405(H) x 205(W) x 285(D) mm
Weight	: 13.65 Kg (without packing)

OPTIONAL ACCESSORIES

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

KEY FEATURES

- ✓ Large Immersion Depths
- ✓ Wide Operating Range (250 to 1200°C)
- ✓ High Stability
- ✓ PC interfacing
- ✓ Simple to Use and Cost Effective

STANDARD ACCESSORIES

- Reference Standard Thermocouple ('N'Type T/C).....Part No. TTCN-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)