



CALSys
1200

250 to 1200 °C

PORTABLE THERMOCOUPLE CALIBRATOR

General

CALSys 1200 offers high temperature range from 250 to 1200 Deg 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 furnace is set and controlled by a self tuned PID controller with automatic super fine adjustment.

Version with 2 zone furnace is also available

KEY FEATURES

- ✓ Large Immersion Depths
- ✓ Wide Operating Range (250 to 1200 Deg C)
- ✓ High Stability
- ✓ PC interfacing
- ✓ Simple to use and cost effective

Standard Accessories

Reference Standard Thermocouple ('N' Type T/C)
..... Part No. TTCN-300
Carry Case
Operational Manual

Optional Accessories

Software for Automated Calibration.....Part No. AC - 24
Customized Equalizing Block.....Part No. EQ2



SPECIFICATIONS

Temperature Range : 250 to 1200 Deg C
 Temperature resolution : 1.0 Deg C
 Stability : ± 0.5 Deg C
 Controlling Sensor : PT/RH-PT T/C
 Method of Control : Digital self tuned PID Controller
 Time to Reach Max Temp : 1.5 Hr
 Computer Interface: RS 232
 Operating Temperature : 20 to 45 Deg C
 Power Requirement : 230 VAC, 1.5 KW
 Dimensions : 380(H) x 170(W) x 188(D) mm
 Insert Construction : Dia 37mm x 215 mm long
 (2X6 mm & 2X8 mm holes) x 160mm insertion depth
 Weight : Approx 12 Kg



Carrying Case



Interchangeable Inserts
(as per requirement)