

CALSys  
1200 L

 300 to 1200 °C

## HIGH STABILITY DRY BLOCK FURNACE

### General

CALSys 1200 L calibration source is a highly stable standard furnace for calibrating thermocouples in the laboratory. The temperature of the furnace is set and controlled by a self tuned PID controller with automatic super fine adjustment.

The standard insert is a metallic block of special material, which is 37mm in diameter with 240 mm long and can hold up to four thermocouples.

It has been designed for high temperature range calibration and find application in the glass, electrical power, automotive, material processing industries & laboratories.

Special Version with 3 zone furnaces are available

### KEY FEATURES

- ✓ Large Immersion Depths
- ✓ Wide Operating Range (300 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  
Operational Manual.....

### Optional Accessories

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



### SPECIFICATIONS

Temperature Range : 300 to 1200 Deg C

Temperature resolution : 1.0 Deg C

Stability :  $\pm 0.5$  Deg C

Controlling Sensor : Precision PT/RH-PTT/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, 2.0 KW

Dimensions : 500(H) x 400(W) x 490(D) mm

Insert Construction : Dia 37mm x 240 mm long  
(2X6 mm & 2X8 mm holes) x 160mm insertion depth

Weight : Approx 30 Kg



**Optional Block**