



HIGH TEMPERATURE BLOCK FURNACE

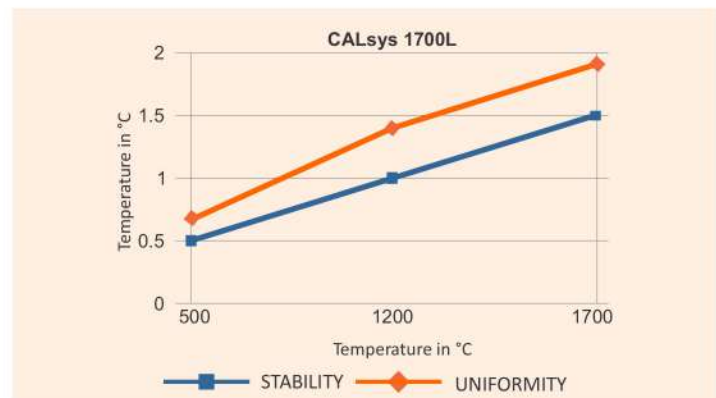
CALsys 1700L calibration source is a highly stable standard furnace for calibrating thermocouples in the laboratory.

The temperature of the furnace is set and controlled by a self tuned advanced PID controller with automatic super fine adjustment. The standard insert is a Ceramic Tube, which is 37 mm in diameter and 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 and laboratories.



SPECIFICATIONS

Temperature range	: 500 to 1700°C
Voltage	: 230 V AC
Power	: Maximum
Supply Frequency	: 50/60 Hz
Resolution	: 0.1°C
Stability	: ±0.5°C at 500°C ±1.0°C at 1200°C ±1.5°C at 1700°C
Uniformity	: ±0.6°C at 500°C ±1.4°C at 1200°C ±1.9°C at 1700°C
Controlling sensor	: B type T/C Duplex
Time to reach max. Temp.	: 3 hours
Operating Temperature	: 20 to 45°C
Controller Specifications	: Eurotherm P104 series
Over temperature protection	: Autonics controller with B Type T/C
Stabilization Time	: 15 to 20 Min.
Dimensions	: 640(H) x 500(W) x 550(D) mm
Insert Construction	: 2 x 6.5, 2 x 8.5 mm with 225mm depth
Weight	: 80kg (without packing)



STANDARD ACCESSORIES

- 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

OPTIONAL ACCESSORIES

- Reference Standard Thermocouple (PT-RH/PT 'B' Type T/C) Part No. TTCB-300
- Extra Equalizing Block.....
- Black Body Cavity.....Part No. EQ3