

CALsys 400 (50 to 400°C)

CALsys 400 offers medium temperature range from 50 to 400°C. It is a highly stable standard furnace for calibrating thermocouples / RTD. The comparison volume is a metallic block of aluminum, which has diameter of 27mm and 120mm long. The temperature of the calibrator is set and controlled by a self-tuned PID controller with automatic super fine adjustment.



Specifications

Temperature Range	:50 to 400°C
Temperature Resolution	:0.1°C
Stability	:±0.05°C at 400°C
Uniformity	:±0.27°C at 400°C
Controlling Sensor	:T/C "N" TYPE
Method of Control	:Digital self-tuned PID Controller
Insert Construction	:Dia 27 x 120 mm long with 3 holes of 6.5 x 110 mm insertion depth
Time to Reach Max Temp	:25 Mins
Time to Reach Mini Temp	:100°C: 80 Mins
Computer Interface	:RS - 232
Operating Temperature	: 20 to 45°C
Power Requirement	:230 VAC, 1 KW
Dimensions	:270(H) x 154(W) x 268(D) mm
Instrument Weight	:8.80 Kg(without packing)

Key Features

- Light weight (4 Kg)
- Large Immersion Depths
- Wide Operating Range (50 to 400°C)
- High Stability
- PC interfacing
- Simple to use and cost effective

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