

Dry Block Calibrator

-10°C to 120°C

Wide Temperature Range

CAL FAST offer a wide temperature range from -10°C to 120 °C @23°C Amb.

Lightweight & portable

The CAL FAST block is ideal for Industrial/ Laboratory field use. It only weights about 2kg.

Speed

The CALFAST extremely quick to reach various temperatures, i.e. it cools down to -5°C in 15 minutes and heats up from room temperature to 120°C in 10 minutes.

Accuracy and performance

The CAL FAST is an easily portable unit that also provides excellent calibration accuracy with stability $\pm 0.05^{\circ}\text{C}$ (15 min)

Computer Interface

The communication port (USB) enables communication with selected CAL FAST calibrator.

CAL FAST 120

Dry Block Temperature Calibrator



CAL FAST offers medium temperature range from -10°C to 120°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 6.5mm and 8.5mm and 110mm long. The temperature of the calibrator is set and controlled by a self tuned PID controller with automatic super fine adjustment

SPECIFICATIONS

CAL FAST 120

Temperature range	-10°C to 120°C@23°C Amb
Temperature Resolution	0.1°C
Stability	±0.05°C
Radial Uniformity	±0.5°C
Time to Reach Max. Temperature	10 Mins
Time to Reach Mini Temp	15 Mins
Controlling Sensor	RTD (Pt 100)
Method of Control	Digital self tuned PID Controller
Insert Construction	Fixed insert with 2 holes of 6.5 x110 mm and one hole 8.5x110mm
Computer Interface	USB
Power Supply	230 VAC or 110 VAC 50/60 Hz 500 W
Dimensions	125(H) x 185(W) x175(D) mm
Instrument Weight	2 Kg

ACCESSORIES

- **Inserts for CALFAST 120 model**

Inserts for CALFAST 120 are made of special material have multi holes of 2x6.5mm and 1x8.5mm. All specifications on hole size based on outer diameter of the sensor under test.

*We also offer customized hole size based on Customer requirements

- **Reference Standard RTD Part No. TTCK-300 (Optional)**
- **Calsoft Software**
- **Operational Manual**
- **Carry Bag**
- **NABL accredited calibration certificate (Optional)**

