

## Black Body Calibrators

40°C to 400°C

### Wide Temperature Range

CAL FAST 400 BB offer a wide temperature range from 40 °C to 400 °C

### Lightweight & portable

The CAL FAST 400 BB block is ideal for Industrial/ Laboratory field use. It only weights about 2 kg.

### Speed

The CAL FAST 400 BB extremely quick to reach various temperatures, i.e. it cools down to 150 °C in 30 minutes and heats up from room temperature to 400°C in 12 minutes.

### Accuracy and performance

The CAL FAST 400 BB is an easily portable unit that also provides excellent calibration accuracy with stability  $\pm 0.1^{\circ}\text{C}$  (15 min)

### Computer Interface

The communication port (RS-232/USB) enables communication with selected CALFAST 400 BB calibrator.

## CAL FAST 400 BB

Portable, Light weight, Black Body Temperature Calibrator for Industrial/ Laboratory Field Use



CAL FAST 400 BB offers medium temperature range from 50 to 400°C. It is a highly stable standard black body calibrator for calibrating non-contact type sensor like Pyrometer/IR Thermometers. The temperature of the calibrators is set and controlled by a self-tuned PID controller with automatic super fine adjustment. In the double display, the actual and set temperature values are shown. The BB cavity diameter is 50 mm with emissivity 0.95

## SPECIFICATIONS

### CAL FAST 400 BB

Temperature range	40°C to 400°C
Temperature Resolution	0.1°C
Stability (15 min)	±0.1°C
Time to Reach Max. Temperature	12 Mins
Controlling Sensor	N type Thermocouple
Method of Control	Digital self tuned PID Controller
Emissivity	0.95 (±0.02)
Computer Interface	RS-232/USB
Operating Temperature	20 to 45°C
Power Requirement	230 VAC or 110 VAC 50/60 Hz 500 W
Dimensions	120(H) x 200(W) x185(D) mm
Instrument Weight	2 Kg

## ACCESSORIES

- Master Pyrometer (Optional)
- Calsoft Software
- Operational Manual
- NABL accredited calibration certificate (Optional)

