

Dry Block Calibrators

Wide Temperature Range

CAL FAST BB offer a wide temperature range from 50 °C to 350 °C

Lightweight & portable

The CAL FAST BB block is ideal for Industrial/ Laboratory field use. It only weights about 4 kg, and it is small enough to carry around.

Speed

The CAL FAST BB extremely quick to reach various temperatures, i.e. it cools down to 100 °C in 15 minutes and heats up from room temperature to 350°C in 20 minutes. This saves time and increases productivity.

Accuracy and performance

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

Accredited calibration

Each CAL FAST BB is delivered with an accredited calibration certificate.

Computer Interface

The communication port (RS-232) enables communication with selected CAL FAST BB calibrators for automation calibration and documentation thus it made documentation easy.

CAL FAST BB

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



CAL FAST BB offers medium temperature range from 50 to 350°C. It is a highly stable standered 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 autometic super fine adjustment. in the double display the actual and set temperature values are soon. The BB cavity diameter is 60 mm with emissivity 0.97

With the Tempsens make Compact Temperature Calibrator, you have chosen an extremely effective instrument which we hope will live up to all your expectations. This is a fast, timesaving, and reliable true industrial temperature calibrator designed for on-site use.

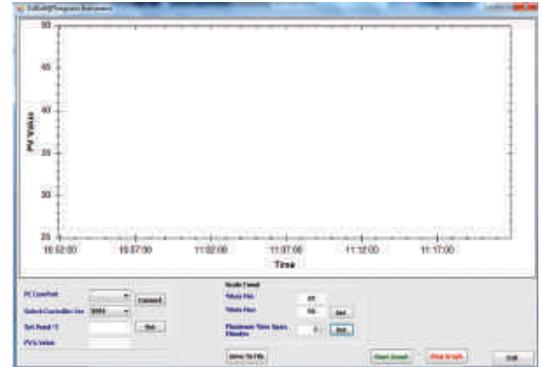
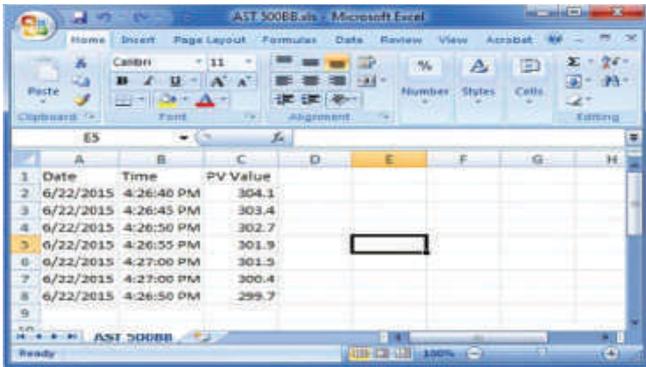
During the past several years, we have acquired extensive knowledge of industrial temperature calibration. This expertise is reflected in our products which are all designed for daily use in an industrial environment.

SPECIFICATIONS

Temperature range	50 to 350°C
Temperature Resolution	0.1°C
Stability (15 min)	±0.1°C
Time to Reach Max. Temperature	20 Mins
Controlling Sensor	RTD (Pt 100)
Method of Control	Digital self tuned PID Controller
BB Cavity Aperture	60 mm
BB Cavity Emissivity	0.97 (±0.02)
Computer Interface	RS - 232 (Optional)
Operating Temperature	20 to 45°C
Power Requirement	230 VAC, 500 W
Dimensions	120(H) x 180(W) x230(D) mm
Instrument Weight	4 Kg (without packing)

ACCESSORIES

SOFTWARE (OPTIONAL)



- CalSoft including for setting bath temperature and monitoring the PV. Graphical representations of PV/TIME with 2 hours data logging.

MASTER SENSOR (OPTIONAL)

- Master pyrometer



- NABL accredited calibration certificate - 3 point
- Operational Manual