

400 °C, 0.94 emissivity, sensing size : 120 mm dia.

BLACK BODY

Model : BB-400

ISO-9001, CE, IEC1010

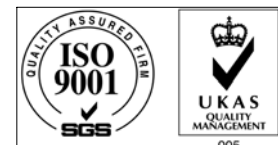


FEATURES

- * Black body, calibrator for the infrared thermometer.
- * Temp. setting range : 33 °C to 400 °C.
- * Temp. setting resolution : 0.1 °C.
- * Accuracy : $\pm (1\% + 1 \text{ } ^\circ\text{C})$.
- * Emissivity : 0.94.
- * Sensing size : round, 120 mm dia.
- * Power supply : 110 ACV or 220 ACV.
- * Weight : approx. 12 Kg .
- * Dimension (HWD) : 190 x 400 x 335 mm.



Precision calibrator for IR Thermometer



Lutron

LUTRON ELECTRONIC

The Art of Measurement

BLACK BODY

Model : BB-400

FEATURES

* The infrared calibrator (BB-400) is the professional black body that designed for calibrating your IR thermometer precisely.
* 120 mm (4.72 ") diameter, large black body target that can provide IR positive Temp. sources.
* A high-emissivity coating is baked on the target to assure calibration accurately.
* 0.94 emissivity value.
* Wide measure range : 33 °C to 400 °C .

APPLICATIONS

This infrared calibrator (black body) is specially developed to calibrate the IR THERMOMETER to meet laboratory or factory standard.
--

SPECIFICATIONS

Display	LED type.
Temperature Range	33 to 400 °C . 92 to 752 °F.
Accuracy	± 1 °C : 33 to 100 °C .
	± 2 °C : 101 to 250 °C .
	± 3 °C : 251 to 400 °C .
	± 2 °F : 92 to 212 °F.
	± 4 °F : 213 to 482 °F.
	± 6 °F : 483 to 752 °F.
Resolution	0.1 degree.
Heating time (stability)	33 to 100 °C : Approx. 10 minutes. 33 to 250 °C : Approx. 25 minutes. 33 to 400 °C : Approx. 55 minutes.
Target Emissivity	0.94.
Black body Dimension	120 mm (4.72") diameter. * <i>Target area (Black body surface)</i> .
Power Supply	AC 220 V± 10 V, 50/60 Hz.
Power Current	Approx. 4.3 Amp.
Operating duty Cycle	* For prolonged life and safe operation, if the operating Temp. is over 300 °C , then the working time should less 2 hours. * Always allow one hour cooling off period between cycles.
Dimension	400 x 330 x 190 mm. (15.75 x 13.0 x 7.5 inch).
Weight	12.45 kg / 27 lb.
Accessories	Power cable..... 1 PC Main instruction manual..... 1 PC Controller instruction manual..... 1 PC