

High Performance Blackbody Calibration Source

BLACKPOINT™
Model BB702

\$1995

Basic Unit

- ✓ Model BB702
Calibrates from Ambient +10 to 215°C (Ambient +20 to 420°F)
- ✓ Portable Rugged Design
- ✓ Calibrates Infrared Pyrometers Quickly and Accurately
- ✓ Built in Digital PID Autotune Temperature Controller with Temperature Readout
- ✓ NIST Traceable Calibration Certificate Included with Three Data Points
- ✓ RS-232 Standard
- ✓ CE Marked Models
- ✓ Tilt Stand for Benchtop Operation and Easy Portability
- ✓ Built in RTD Reference Probe Output

The BB702 Blackbody Calibrator is a high performance, rugged, portable calibrator for infrared pyrometers. The BB702 has a range of ambient +10 to 215°C (ambient +20 to 420°F). Both models come standard with an RS-232 computer interface which

OMEGACARE™ extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order.

Caution: To avoid fire hazard or damage to your calibrator, always allow your calibrator to cool down to ambient temperature before returning to storage.



Shown smaller than actual size

allows computer control of the setpoint for automatic text applications. A NIST traceable calibration certificate is also provided.

Specifications

Ambient Temperature:
0 to 50°C (32 to 122°F)

Power: 115 Vac 50/60 Hz or
230 Vac 50/60 Hz, 75 W

Operating Temperature Range:
(Blackbody Cavity):
ambient + 10 to 215°C
(ambient +20 to 420°F)

Internal Sensing Element:
Platinum RTD

Stability: ±0.1°C

Accuracy: ±0.5°C ±0.25% rdg
(±0.9°F ±0.25% rdg)

Cavity Emissivity: 0.95

Warm-up Time:
12 min from ambient to 204°C
(400°F)

Dimensions: 152 x 305 x 280 mm
(6 H x 12 W x 11" L)

Target Plate Diameter: 64 mm (2.5")

Weight: 4.5 kg (10 lb)

We make running changes when technical advances allow. Check at time of ordering for additional features.

To Order (Specify Model Number)

Model No.	Price	Description
BB702	\$1995	B.B. cal. source, 115V, range: amb. +10-215°C (amb. +20-420°F)
*BB702-230VAC	1995	B.B. cal. source, 230V, range: amb. +10-215°C (amb. +20-420°F)

*Note: Only 230 Vac model is available as CE marked.

Ordering Example: BB702 Blackbody Calibration Source comes complete with operator's manual and calibration certificate, \$1995. OMEGACARE™ extends standard 2-year warranty to a total of 3 years (\$150), \$1995 + 150 = \$2145.