

High Performance Blackbody Calibration Source

BLACK POINT™
BB702

\$1995
All Models



- ✓ **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 RS232 computer interface which allows computer control of the setpoint for automatic text applications. A NIST-traceable calibration certificate is also provided.

BB702, \$1995, shown smaller than actual size.

Specifications

Target Plate Temperature Range:

Ambient 10 to 215°C (ambient 20 to 420°F)

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

Stability: ±0.1°C (±0.2°F)

Ambient Environmental Conditions:

Temperature: 5 to 45°C (41 to 113°F)

Humidity: 0 to 90% RH, non-condensing

Target Plate Size: 63.5 mm (2.5")

Target Plate Emissivity: 0.95

Internal Control Sensor: Platinum RTD, class A, alpha = 0.00385

Reference Sensor: Platinum RTD, class A, alpha = 0.00385

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

Power:

BB702: 115 Vac, 50/60 Hz, 75 W

BB702-230VAC: 230 Vac, 50/60 Hz, 75 W

Dimensions:

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

Weight: 7.2 kg (16 lb)

Certifications: CE (230 Vac model only)

Installation Category: II

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

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

OMEGACARE™ extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE™ covers parts, labor and equivalent loaners.

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
BB702	\$1995	BB calibration source, 115 V, range: ambient 10 to 215°C (ambient 20 to 420°F)
*BB702-230VAC	1995	BB calibration source, 230 V, range: ambient 10 to 215°C (ambient 20 to 420°F)

Comes with operator's manual and calibration certificate.

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

Ordering Example: BB702, blackbody calibration source, \$1995.

OCW-3, OMEGACARE™ extends standard 2-year warranty to a total of 5 years (\$350), \$1995 + 350 = \$2345.



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• Heaters

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