

Very High Temperature Laboratory Blackbody Calibration Source

BLACK POINT™
BB705

\$9995
All Models



- ✓ **BB705 Calibrates from 100 to 1046°C (212 to 1915°F)**
- ✓ **Built-In NIST-Traceable Reference Temperature Display**
- ✓ **Large 44.5 mm (1.75") Aperture**
- ✓ **Calibrates Infrared Pyrometers Quickly and Accurately**
- ✓ **Built-In PID Autotune Control with Digital Readout**
- ✓ **NIST-Traceable Calibration Certificate Included with 3 Data Points**
- ✓ **RS232 Communication Standard***

Specifications

Ambient Temperature:

0 to 35°C (32 to 95°F)

Power: 115 Vac 50/60 Hz or

230 Vac 50/60 Hz

Operating Temperature Range (Blackbody Cavity):

100 to 1046°C (212 to 1915°F)

Internal Sensing Elements:

Platinum thermocouples

Stability: 0.4°C (0.7°F)

per 8-hour period

Accuracy:

±0.25% of reading; ±1°C

Cavity Emissivity: 0.99

Warm-up Time: 80 minutes from 100°C to 1000°C

Dimensions:

566 W x 520 H x 600 mm D
(22.3 x 20.5 x 23.6")

Cavity Opening: 44.5 mm (1.75")

Weight: 31 kg (68 lb)

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

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

BB705, \$9995, shown smaller than actual size.



Shown calibrating OS523 Series high temperature infrared pyrometer, \$1095. See page J-21 for details.

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Description
BB705	\$9995	Blackbody, 110 Vac
BB705-230VAC	9995	Blackbody, 230 Vac, CE

Comes with operator's manual and NIST-traceable calibration certificate.

* Communication software CN8-SW can be downloaded. Please visit omega.com

* **Note:** Only 230 Vac models are CE marked.

Ordering Example: **BB705**, blackbody calibration source plus **OCW-3**, OMEGACARESM extends standard 2-year warranty to a total of 5 years (\$350), \$9995 + 350 = **\$10,345**.



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• pH and Conductivity

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• Data Acquisition

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• Heaters

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