

# Very High Temperature Laboratory Blackbody Calibration Source

BLACK POINT™  
BB705

**\$9995**

All Models

BB705, \$9995.



Standard 230 Vac model only

- ✓ Calibrates From 100 to 1046°C (212 to 1915°F)
- ✓ Built-In 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.



Shown calibrating OS523 Series high temperature infrared pyrometer, \$1095. See page J-29 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 complete with operator's manual and NIST-traceable calibration certificate.

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

\*\* Communication software CN8-SW can be downloaded. Please visit [omega.com/cn8sw](http://omega.com/cn8sw)

**Ordering Example:** BB705, blackbody calibration source, \$9995. OCW-3, OMEGACARE™ extends standard 2-year warranty to a total of 5 years (\$250), \$9995 + 250 = \$10,245.



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.



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