

# Miniature Blackbody Calibration Source

## Portable Design and High Temperature Range



BLACKPOINT™  
Model BB703

**\$890**

Basic Unit

- ✓ Calibrates from Ambient +10 to 400°C (Ambient +20 to 752°F)
- ✓ Portable Miniature Design
- ✓ Built-in Digital 1/32 DIN Temperature Controller
- ✓ Calibrates Infrared Instruments Quickly and Accurately
- ✓ NIST-Traceable Calibration Certificate with 3 Data Points Included



Shown slightly smaller than actual size

The BB703 is a high performance, rugged, miniature blackbody calibrator. It is used for infrared pyrometer calibrations with a temperature range of ambient +10 to 400°C (ambient +20 to 752°F). With its unique miniature design and built-in 29 mm (1.125") target plate, the BB703 is an ideal and economical infrared calibrator for any laboratory or field service application.

### Specifications

**Temperature Range:**  
Ambient +10 to 400°C  
(Ambient +20 to 752°F)  
**Accuracy:** ±1.4°C (±2.5°F)  
**Resolution:** 0.1°  
**Stability:** 0.3°C (±0.5°F)  
**Ambient Operating Range:**  
0 to 40°C (32 to 104°F)  
**Target Emissivity:** 0.95

### Target Plate Diameter:

29 mm (1.125")  
**Power:** 115 Vac, 50/60 Hz or  
230 Vac, 50/60 Hz, 175 W  
**Size:** 127 x 56 x 155 mm  
(5 W x 2.2 H x 6.1" D)  
**Weight:** 1.09 kg (2.4 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
BB703	\$890	Miniature blackbody calibration source, 115 Vac
BB703-230VAC*	890	Miniature blackbody calibration source, 230 Vac

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

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

**Ordering Example:** BB703, 115 Vac Blackbody Calibration Source, \$890. OMEGACARE<sup>SM</sup> extends standard 3-year warranty to a total of 4 years (\$89), \$890 + 89 = \$979.