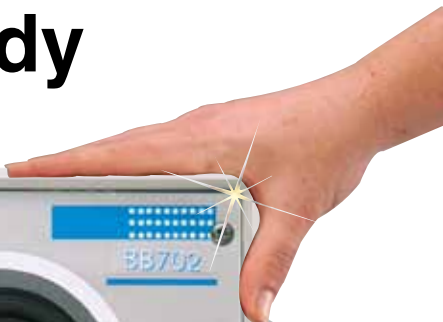


High Performance Blackbody Calibration Source



BLACK POINT™ 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
- ✓ RS232 Standard
- ✓ 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.

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

BB702

TRANSCAT
Trust in every measure

Visit us at Transcat.com

sales@transcat.com 1.800.828.1470

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

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



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.

To Order

Model No.	Description
BB702	BB calibration source, 115V, range: ambient 10 to 215°C (ambient 20 to 420°F)
BB702-230VAC*	BB calibration source, 230V, range: ambient 10 to 215°C (ambient 20 to 420°F)

Comes complete with operator's manual and NIST calibration certificate.

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

Ordering Example: BB702, blackbody calibration source. OCW-3, OMEGACARESM extends standard 2-year warranty to a total of 5 years.