

High Temperature Blackbody Calibrators

For Complete Specifications and Features on the BB-4A, BB705, and many other OMEGA® Blackbody Calibrators See Section K.



BB-4A: 100 to 982°C (212 to 1800°F), 22 mm (0.88") cavity, 0.98 to 0.99 emissivity.

- ✓ NIST-Traceable Calibration Certificate Included
- ✓ RS232 Communication Standard
- ✓ CE Marked Models

BB705
\$9995
BB-4A
\$3595



Both units shown smaller than actual size.

BB705: 100 to 1046°C (212 to 1915°F), 44.5 mm (1.75") cavity, 0.985 emissivity.

To Order (Specify Model Number)

Model No.	Price	Description
BB-4A	\$3595	Blackbody calibrator, 100 to 982°C (212 to 1800°F)
BB-4A-230VAC	3795	Blackbody calibrator, 100 to 982°C (212 to 1800°F) 230 Vac operation, CE Marked
BB705	9995	Blackbody calibrator, 100 to 1046°C (212 to 1915°F)
BB705-230VAC	9995	Blackbody calibrator, 100 to 1046°C (212 to 1915°F) 230 Vac operation, CE Marked

Ordering Example: BB705-230VAC, blackbody calibrator, 100 to 1046°C, 230 Vac operation, and CE marked, \$9995.

OCW-3, OMEGACARE™ extends standard 2-year warranty to a total of 5 years (\$350), \$9995 + 350 = \$10,345.

Backlight Source For Infrared and Fiber Optic Sensors



The model OS1500-BLS backlight source is used when precise aiming of line-of-sight or fiber optic detectors is necessary. It defines the exact measurement area by projecting an image of light at the center of the spot being measured on the target surface. When used with line-of-sight sensors, an optional fiber cable (model OS1500-BLF) connects the detector head and the backlight source. Light is transferred down the fiber and through the lens assembly, creating a spot on the target where the temperature is being measured. The light source consists of a high intensity lamp, a dimmer control and a cooling fan. The average lamp life at maximum brightness is approximately 12 hours. No adjustments or preventive maintenance are required, other than ensuring that the air vents are clean and no residue is allowed to accumulate in the fiber chuck.



Shown smaller than actual size.

OS1500-BLS
\$495

Backlight with 2-color sensor and trifurcated fiber cable, each sold separately.

To Order (Specify Model Number)

Model No.	Price	Description
OS1500-BLS	\$495	Backlight source for infrared and fiber optic sensors
OS1500-BLF	145	Backlighting fiber assembly for use with OS1500-BLS light source
OS1500-RC	35	Replacement bulbs

Ordering Example: OS1500-BLS, backlight source for infrared and fiber optic sensors, \$495.



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1-800-TC-OMEGA
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• Temperature

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Data Acquisition

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters