

EDL's Infrared calibrators are known to offer the most accurate and reliable calibrations possible, because of the radiometric calibration of the black body target. The SBB-2-6 offers a full 6" (15.24 cm) black body target size; making it the largest sized target on the market. This easy to use calibrator allows you to point, aim and shoot: the larger area naturally minimizes source effect errors.

The SBB-2-6 is a simple to use device with a target able to accommodate IR thermometers and thermal imagers of all kinds – regardless of the IR thermometers' accuracy, quality or cost. You can trust the SBB-2-6 for consistent, repeatable and accurate calibrations with each test – even on the lower cost IR guns so common on the market and often sent in for calibration.

Designed to accommodate the most commonly tested temperatures, the unit offers a wide temperature range of ambient to 500 °C. Like all EDL calibrators, the SBB-2-6 boasts impressive heat up and cool down times. This key feature allows quick and accurate tests at a wide array of temperature points across the full temperature range, throughout one workday.

Features:

- **Extra Large 15.24 cm (6") Target Size for More Accurate & Consistent Results.**
- **EDL Quality Assured Product - Repeatable Results EDL Products are Known For.**
- **NIST Traceable Calibration Certificate Included.**
- **Accurate, Reliable Performance from Ambient to 500 °C.**
- **Engineered to Reach Set Temperature Points Ultra-Fast, For Quick & Efficient Field Use.**
- **Light-weight & Compact, Weighing Only 6.8kg/15lbs. – Making the Unit Easy to Ship, Lift & Carry.**
- **Excellent Uniformity & Stability.**
- **Easy to Use Controller & Display.**
- **RS232 Computer Interface with iTools.**
- **0.986ε (Emissivity); Additional Emissivities Available Upon Request.**



SBB-6 SPECIFICATIONS

Model Number	SBB-2-6
Black Body Area	15.24 cm (6")
Stability	± 0.05 °C
Emissivity	0.98 ± 0.02 °C (Additional emissivities available)
Height x Width	41.28 cm (16.25") x 33.99 cm (13.88")
Weight	6.80kg (15 lbs.)
Accuracy	± 0.5 °C
Computer Interface	RS-232
Temperature Range	Ambient to 500 °C
Heat Up	14 °C / minute* (-20 °C to 100 °C)
Cool Down	2.2 °C / minute* (Ambient to -30 °C)
Power	120VAC, 10amp, 50/60Hz. For 240VAC add -2 to base part number (Ex: SBB-2-6 w/240VAC is SBB-2-6-2)



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If our massive stock of off-the-shelf products still doesn't have exactly what you need, then we'll build it for you. That's why we're the world leader in temperature sensor technology: for the past seventy-six years, we've never stopped pushing the boundaries of what's possible. Call us today and let's get started.

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