6" Target!

The newest addition to the EDL line of Infrared calibrators is our biggest and most accurate yet!

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. Debuting in 2019 is the newest member of the product line – the SBB-2-6, boasting a full 6" (152 mm) 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. Accurate calibration really is just that easy.

We developed this calibrator based on feedback received from labs all over the world. 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 6" (152 mm) Target Size for More Accurate & Consistent Results.**
- **EDL Quality Assured Product - repeatable results EDL products are known for.**
- **NIST Traceable Accredited 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 6.5kg/14lbs. – Making the Unit Easy to Ship, Lift & Carry.**
- **Excellent Uniformity & Stability.**
- **Easy to Use Controller & Display.**
- **RS232 Connection.**
- **0.986e (Emissivity); Additional Emissivities Available Upon Request.**

Order Information

SPECIFICATIONS	
Model Number	**SSB-2-6**
Black Body Area	152.4mm (**6"**)
Stability	± 0.05 °C
Emissivity	0.98 ± 0.02 (Additional emissivities available)
Height x Width	41cm (16.25") H x 35cm (13.375") W
Weight	9kg (~20 lbs.)
Accuracy	± 0.5 °C
Computer Interface	RS-232
Temperature Range	Ambient to 500 °C
Heat Up	22 °C / minute*
Cool Down	8 °C / minute*
Power	120VAC, 10amp, 50/60Hz. For 240VAC add -2 to base part number (Ex: SBB-2-6 w/240VAC is **SBB-2-6-2**)