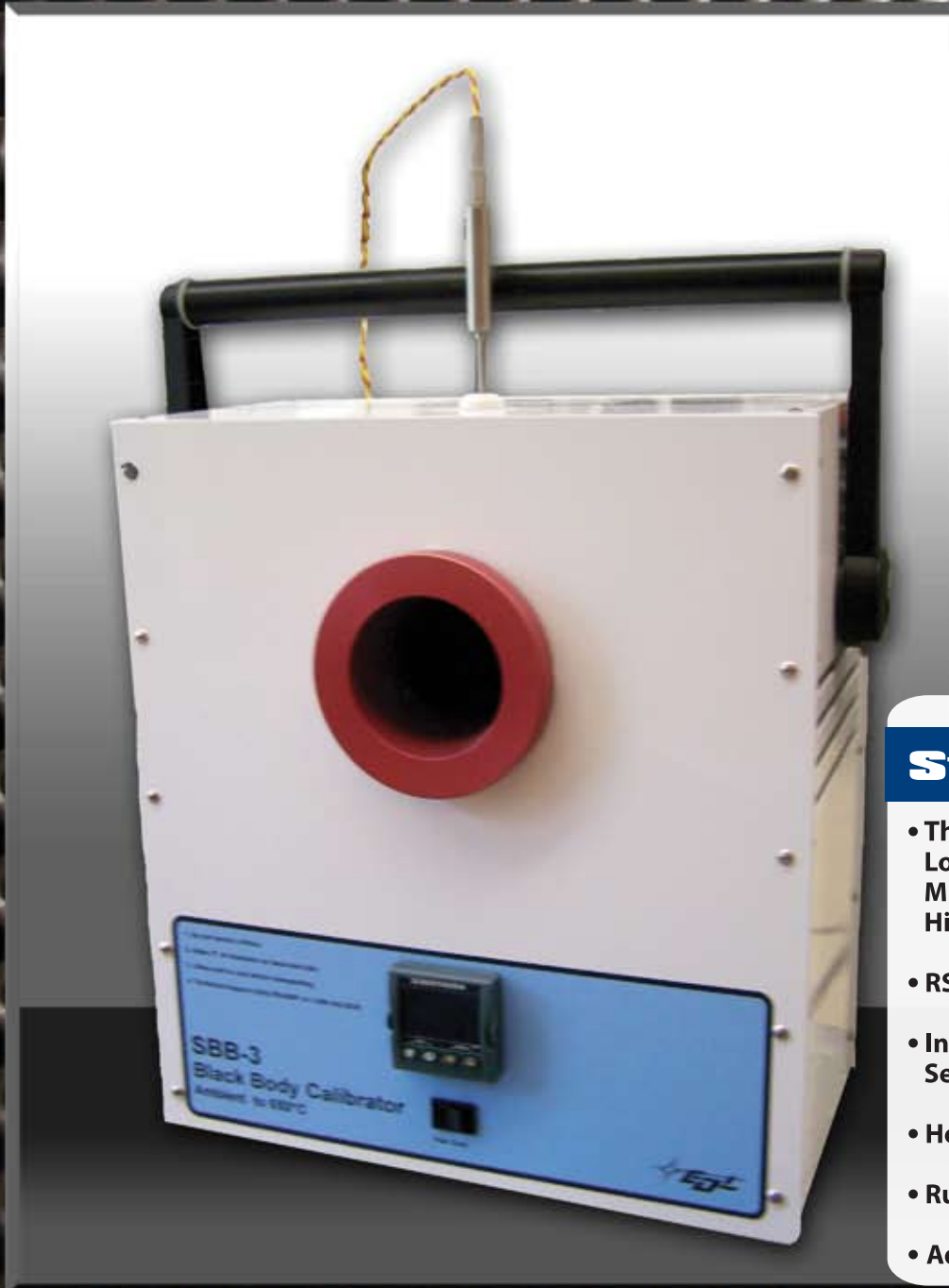


SINGLE BLACK BODY

Infrared Temperature Calibrator



Standard Features

- Three Temperature Ranges Available:
Low Temp Range From $-30\text{ }^{\circ}\text{C}$ To $110\text{ }^{\circ}\text{C}$,
Mid Temp Range From Ambient To $350\text{ }^{\circ}\text{C}$,
High Temp Range From Ambient To $650\text{ }^{\circ}\text{C}$
- RS-232 Interface With Software
- Includes Removeable RTD Reference Sensor & High Temp Thermocouple
- Hot Or Cold Calibration Surfaces
- Rugged & Lightweight
- Adjustable Bail Handle For Convenience



SINGLE BLACK BODY

Infrared Temperature Calibrator



SBB-1, SBB-2, SBB-3

The Single Black Body line of infrared temperature calibrators are simple to operate, portable, and dependable. These inventive calibrators are ideal for applications requiring only one temperature range. Packed with such features as adjustable bail handles and NIST traceable calibration reports, the Single Black Body line of infrared calibrators even comes standard with an RS-232 port for easily collecting data to your computer. This affordable and easy to use alternative to the Dual Black Body line of infrared calibrators is available in low (SBB-1), mid (SBB-2), and high (SBB-3) temperature ranges. This portable infrared calibrator accomplishes accurate calibrations of temperatures ranging from -20 °C to 650 °C, depending on the model.



Standard Features

- High Stability
- Fast Heat-Up
- Simple Operation
- RS-232 Interface With Software
- Adjustable Bail Handle For Added Convenience
- Includes Removable RTD Reference Sensor & High Temperature Thermocouple
- Calibration Report Included
- Protection For RTD Inputs
- Hot Or Cold Calibration Surfaces
- 0.1° Resolution
- Rugged & Lightweight
- Technical Support - Repairs & Calibrations Done In-House
- 12-Month Warranty

Applications

- Food Industries
- Rubber & Plastics Industries
- Calibration Labs
- Pharmaceutical Companies
- Racing Teams

Specifications

Part #	SBB-1	SBB-2	SBB-3
Black Body Area	2.5 in ²	2.5 in ²	2.5 in ²
Stability	±0.2 °C	±0.2 °C	±0.2 °C
Emissivity	0.98 ±0.02 °C	0.98 ±0.02 °C	0.98 ±0.02 °C
Height	41 cm (16.25")	41 cm (16.25")	41 cm (16.25")
Width	35 cm (13.375")	35 cm (13.375")	35 cm (13.375")
Weight	9kg (~20 lbs.)	9kg (~20 lbs.)	9kg (~20 lbs.)
Accuracy	±0.3 °C	±0.3 °C	±0.3 °C
Interface	RS-232	RS-232	RS-232
Power	110V, 4 amps 50/60HZ	110V, 4 amps 50/60HZ	110V, 4 amps 50/60HZ
Temperature Range	Low Range *-30 °C to 110 °C	Mid Range Ambient to 350 °C	High Range Ambient to 650 °C

* ± 2 °C depending on environment.

Your Electronic Development Labs, Inc. distributor is:



The Temperature People® Since 1943

Electronic Development Labs, Inc.

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