

Black Body Calibration Source

Portable, Table-top

BBSD

Dual Chamber

Space Saver Calibrator for Simultaneous Measurement of Low & Medium Temperature Ranges

Basic Accuracy : $\pm 0.5\%$ F.S.

For Non-contact Pyrometer Calibration

Typical Photo; Final Product look may vary

SALIENT FEATURES

- Enables simultaneous measurement of 2 Pyrometers / Quick Measurement in 2 Points over the Range
- Compact, Light Weight, Table-top & Portable
- High Emissivity, Wide Aperture
- Excellent Accuracy & Stability
- Auto-tune PID Controller
- Low Power Consumption
- Cost effective – Best value for Money
- Computer Interface & Calibration Software – Optional



SPECIFICATIONS

	Chamber 1	Chamber 2
Range	50 to 300°C	250 to 600°C
Accuracy	Within 0.5% F.S. (Min. 1°C)	Within 0.5% F.S. (Min. 2°C)
Emissivity	0.98	0.98
Aperture size	φ 25 mm	φ 25 mm
Stability	$\pm 0.5^\circ\text{C}$	$\pm 0.5^\circ\text{C}$
Resolution	0.1°C	1°C
Temperature Control	Auto-tune PID Controller	
Heating time (to max.)	45 Minutes	
Stabilization time	30 minutes	
Temperature Readout	°C / °F selectable	
Power Supply	230 VAC / 50 Hz	
Dimension	485 x 420 x 190 mm (W x D x H)	
Weight	14 Kgs	
Housing / Mounting	Portable, Table-top	

STANDARD INCLUSIONS

- Basic Instrument
- Mains Cable
- Spare Fuses
- Traceable Calibration Certificate
- Instruction Manual

OPTIONAL (ADD-ON) ITEMS

- Computer Interface
- "Caltemp" Calibration Software
- Contact Thermocouple (to measure cavity temperature)
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Manufactured by



Since 1972

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**AN ISO 9001:2015
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