

Black Body Calibration Source

Portable, Table-top

BBSM

For Medium Temperature Ranges

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

For Non-contact Pyrometer Calibration

SALIENT FEATURES

- Compact, Light Weight & 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



Typical Photo; Final Product look may vary

SPECIFICATIONS

Model	BBSM
Range	20°C above Ambient to 600°C
Accuracy	Within 0.5% F.S. (Min. 2°C)
Emissivity	0.98
Aperture Dia	25 mm
Stability	$\pm 0.5^\circ\text{C}$
Resolution	1°C
Temperature Control	Auto-tune PID Controller
Heating time (Ambient to max.)	45 Minutes
Stabilization time (above 75°C)	20 minutes
Temperature Readout	°C / °F selectable
Power Supply / Consumption	230V AC / 50 Hz / 650 W
Dimension (L x D x H)	485 x 420 x 190 mm
Weight	11 Kg.
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
- 115V AC / 60 Hz Model

Manufactured by



NAGMAN INSTRUMENTS & ELECTRONICS (P) LTD.

Chennai-Bangalore National Highway, Nazarethpet P.O., Chembarambakkam,
Chennai – 600 123. INDIA.

**AN ISO 9001:2015
CERTIFIED COMPANY**

Domestic Sales Phone : 044 – 66777020, 005, 021, 024. Fax : 044 – 66777050. E-Mail : mktgchennai@nagman.com
Export Sales Phone : +91-44-66777006, 008. Fax : +91-44-66777050. E-Mail : exports@nagman.com

www.nagman.com