

Black Body Sources

Nagman Black Body Calibrators

*Table-top / Bench-top Version
for High & Very High Temperatures
(upto 1300°C)*

Basic Accuracy : ±0.5% F.S.

For Non-contact Pyrometer Calibration

Model

BBSH & BBS-VH

- Excellent Accuracy & Stability
- Auto-tune PID Controller
- Cost effective – Best value for Money
- Optional RS-232 Interface & Calibration Software



BBSH



BBS-VH

SPECIFICATIONS

Models	BBSH	BBS-VH
Range	500 to 1200°C	500°C to 1300°C
Accuracy	Within 0.5% of indicated temperature (Min. 3°C)	Better than 3°C
Stability	±1.5°C	±0.5°C
Resolution	1°C	1°C
Temperature Control	Auto-tune PID Controller	Auto-tune PID Controller
Heating time (to max.)	60 Minutes (Ambient to 1200°C)	45 Minutes
Stabilization time	20 minutes (above 75°C)	20 minutes (above 75°C)
Temperature Readout	°C / °F selectable	°C / °F selectable
Emissivity	0.97	Better than 0.99 (_____ True Black body)
Aperture size	φ 25 mm	φ 25 mm
Power Supply	230 VAC / 50 Hz / 1100 W	230 VAC / 50 Hz / 3000 W
Dimension	205 x 375 x 485 mm (H x L x D)	500 X 515 X 440 (W x D x H)
Weight	12 Kgs	45 Kgs
Housing / Mounting	Benchtop / Table-top (Semi-Portable)	Benchtop / Table-top

STANDARD DELIVERY

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

OPTIONAL

- RS-232 Computer Interface
- Caltemp Calibration Software
- Contact Thermocouple (to measure cavity temperature)
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory

Product of

NAGMAN INSTRUMENTS & ELECTRONICS (P) LTD.

- Comprehensive Calibration Solutions (Standards / Systems / Packages / Software / Services)

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