

Источники калибровки черного тела BBS-VL, BBSL, BBSM, BBSH, BBSD Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Калининград (4012)72-03-81	Омск (3812)21-46-40	Сыктывкар (8212)25-95-17
Ангарск (3955)60-70-56	Калуга (4842)92-23-67	Орел (4862)44-53-42	Тамбов (4752)50-40-97
Архангельск (8182)63-90-72	Кемерово (3842)65-04-62	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Астрахань (8512)99-46-04	Киров (8332)68-02-04	Пенза (8412)22-31-16	Тольятти (8482)63-91-07
Барнаул (3852)73-04-60	Коломна (4966)23-41-49	Петрозаводск (8142)55-98-37	Томск (3822)98-41-53
Белгород (4722)40-23-64	Кострома (4942)77-07-48	Псков (8112)59-10-37	Тула (4872)33-79-87
Благовещенск (4162)22-76-07	Краснодар (861)203-40-90	Пермь (342)205-81-47	Тюмень (3452)66-21-18
Брянск (4832)59-03-52	Красноярск (391)204-63-61	Ростов-на-Дону (863)308-18-15	Ульяновск (8422)24-23-59
Владивосток (423)249-28-31	Курск (4712)77-13-04	Рязань (4912)46-61-64	Улан-Удэ (3012)59-97-51
Владикавказ (8672)28-90-48	Курган (3522)50-90-47	Самара (846)206-03-16	Уфа (347)229-48-12
Владимир (4922)49-43-18	Липецк (4742)52-20-81	Саранск (8342)22-96-24	Хабаровск (4212)92-98-04
Волгоград (844)278-03-48	Магнитогорск (3519)55-03-13	Санкт-Петербург (812)309-46-40	Чебоксары (8352)28-53-07
Вологда (8172)26-41-59	Москва (495)268-04-70	Саратов (845)249-38-78	Челябинск (351)202-03-61
Воронеж (473)204-51-73	Мурманск (8152)59-64-93	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Екатеринбург (343)384-55-89	Набережные Челны (8552)20-53-41	Симферополь (3652)67-13-56	Чита (3022)38-34-83
Иваново (4932)77-34-06	Нижний Новгород (831)429-08-12	Смоленск (4812)29-41-54	Якутск (4112)23-90-97
Ижевск (3412)26-03-58	Новокузнецк (3843)20-46-81	Сочи (862)225-72-31	Ярославль (4852)69-52-93
Иркутск (395)279-98-46	Ноябрьск (3496)41-32-12	Ставрополь (8652)20-65-13	
Казань (843)206-01-48	Новосибирск (383)227-86-73	Сургут (3462)77-98-35	
Россия +7(495)268-04-70	Киргизия +996(312)-96-26-47	Казахстан +7(7172)727-132	

Black Body Calibration Source**Portable, Table-top****BBS-VL***For Very Low Temperature Ranges**Basic Accuracy : $\pm 0.5\%$ F.S.**For Forehead 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

*Typical Photo; Final Product look may vary***SPECIFICATIONS**

Model	BBS-VL
Range	10°C to 45°C
Accuracy	Within 0.75% F.S.
Emissivity	0.98
Aperture Dia	30 mm
Stability	$\pm 0.5^{\circ}\text{C}$
Resolution	0.1°C
Temperature Control	Auto-tune PID Controller
Heating time (Ambient to max.)	5 Minutes
Stabilization time (above 75°C)	15 minutes
Temperature Readout	°C / °F selectable
Power Supply / Consumption	100 to 230V AC / 50 Hz / 50 W
Dimension (L x D x H)	330 x 240 x 180 mm (L x B x H)
Weight	7 Kg.
Housing / Mounting	Benchtop, Portable

STANDARD INCLUSIONS

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

OPTIONAL (ADD-ON) ITEMS

- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Black Body Calibration Source

Portable, Table-top

BBSL

For Low 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	BBSL
Range	10°C above Ambient to 350°C
Accuracy	Within 0.5% F.S. (Min. 1°C)
Emissivity	0.98
Aperture Dia	25 mm
Stability	$\pm 0.5^\circ\text{C}$
Resolution	0.1°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 / 350 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

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

Black Body Calibration Source

Portable, Table-top

BBSH

For High 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	BBSH
Range	500°C to 1200°C
Accuracy	Within 0.5% F.S. (Min. 3°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.)	60 Minutes
Stabilization time (above 75°C)	20 minutes
Temperature Readout	°C / °F selectable
Power Supply / Consumption	230V AC / 50 Hz / 1000 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

Technical Datasheet

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)
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