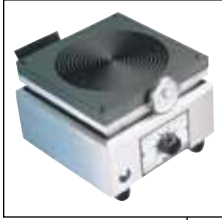


Calibrator Selection Guide



Infrared Blackbody Calibrators

Series No.	BB-2A	BB701	BB702	BB703	BB704	BB-4A	BB705
Emissivity	0.95	0.95	0.95	0.95	0.95	0.99	0.99
Heat/Cool	heat	heat/cool	heat	heat	heat	heat	heat
Target Plate/ Cavity Cone Size**	TP 152 mm (6")	TP 64 mm (2.5")	TP 64 mm (2.5")	TP 28 mm (1.1")	TP 101 mm (4")	CC 22 mm (0.88")	CC 44 mm (1.7")
NIST Calibration		✓	✓	✓	✓	✓	✓
RS232 Comm.		✓	✓	optional	✓	✓	✓
Power Requirement	115/230V	115/230V	115/230V	115/230V	115/230V	115/230V	115/230V

**Note:

TP = Target Plate
CC = Cavity Cone
✓ = has this feature



Dry Block Probe Calibrators

Series No.	TRCIII	TRCIII-A	CL900A	CL900	CL1201	CL1000	CL120/134	CL-355A	CL-700A	CL-770A
Insert/Well**	P	P	R	R	R	P	A/P	R	R	R
Heat/Cool	cool	cool	heat	heat	heat	heat	ht/cl	ht	ht/cl	ht/cl
Single/Multi Source	single	single	single	single	single	single	multi	single	single	single
Built-In Sensor Measurement						✓				
Power Requirement	115/220V	115/230V	115/230V	115/220V	115/220V	115/230V	115/230V	115/230V	115/230V	115/230V

**Note:

A/P = Adjustable/Permanent
P=Permanent
R=Removable
✓ = has this feature

Instrument Calibrator/ Thermometer



Series No.	CL310	CA71	CA150	CL514/515-PLUS	CL541/CL542-PLUS	CL514	CL542	CL543
Measurement								
Thermocouple	✓	✓	✓		✓		✓	✓
RTD	✓	✓	✓	✓		✓		✓
Thermistor								
Voltage	✓	✓	✓		✓			✓
Current	✓	✓	✓				✓	
Resistance	✓	✓	✓			✓		✓
Simulate								
Thermocouple	✓	✓	✓		✓		✓	✓
RTD	✓	✓	✓	✓		✓		✓
Thermistor								
Voltage	✓	✓	✓		✓			✓
Current	✓	✓	✓					
Resistance	✓	✓	✓			✓		✓
Features								
Simultaneous IN/OUT	✓	✓	✓					
Ramp/Soak		✓	✓					
Step	✓	✓	✓	✓	✓			
Self Excitation	✓	✓	✓					
Traceability (NIST) [†]	✓	OPT	✓	✓	✓	✓	✓	✓
Digital Communication	✓	✓						

[†]Note: OPT = Optional STD = Included Standard
 ✓ = has this feature

Instrument Calibrator/ Thermometer



Series No.	CL130	CL300A	CL20	CL123	CL540	CL510	CL309A	CL531	CL601/603	CL3512A	CL3515R
Measurement											
Thermocouple	✓	✓	✓								
RTD			✓								✓
Thermistor			✓								
Voltage		✓									
Current							✓	✓			
Resistance			✓								
Simulate											
Thermocouple	✓	✓	✓	✓	✓				✓	✓	
RTD			✓			✓					✓
Thermistor			✓								
Voltage		✓		✓							✓
Current				✓			✓	✓			
Resistance			✓								
Features											
Simultaneous IN/OUT											
Ramp/Soak	✓		✓	✓							
Step	✓		✓	✓	✓	✓					
Self Excitation											
Traceability (NIST) [†]	✓	✓	✓	OPT	OPT	OPT	✓	✓	OPT	OPT	✓
Digital Communication											

[†]Note: OPT = Optional STD = Included Standard
 ✓ = has this feature