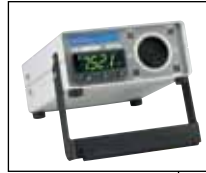
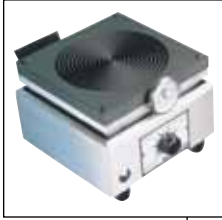


# Calibrator Selection Guide



## Infrared Blackbody Calibrators

Series No.	BB-2A	BB701	BB702	BB703	BB704	BB-4A	BB705
<b>Emissivity</b>	0.95	0.95	0.95	0.95	0.95	0.99	0.99
<b>Heat/Cool</b>	heat	heat/cool	heat	heat	heat	heat	heat
<b>Target Plate/ Cavity Cone Size**</b>	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")
<b>NIST Calibration</b>		✓	✓	✓	✓	✓	✓
<b>RS232 Comm.</b>		✓	✓	optional	✓	✓	✓
<b>Power Requirement</b>	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
<b>Insert/Well**</b>	P	P	R	R	R	P	A/P	R	R	R
<b>Heat/Cool</b>	cool	cool	heat	heat	heat	heat	ht/cl	ht	ht/cl	ht/cl
<b>Single/Multi Source</b>	single	single	single	single	single	single	multi	single	single	single
<b>Built-In Sensor Measurement</b>						✓				
<b>Power Requirement</b>	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
<b>Measurement</b>								
Thermocouple	✓	✓	✓		✓		✓	✓
RTD	✓	✓	✓	✓		✓		✓
Thermistor								
Voltage	✓	✓	✓		✓			✓
Current	✓	✓	✓				✓	
Resistance	✓	✓	✓			✓		✓
<b>Simulate</b>								
Thermocouple	✓	✓	✓		✓		✓	✓
RTD	✓	✓	✓	✓		✓		✓
Thermistor								
Voltage	✓	✓	✓		✓			✓
Current	✓	✓	✓					
Resistance	✓	✓	✓			✓		✓
<b>Features</b>								
Simultaneous IN/OUT	✓	✓	✓					
Ramp/Soak		✓	✓					
Step	✓	✓	✓	✓	✓			
Self Excitation	✓	✓	✓					
Traceability (NIST) <sup>†</sup>	✓	OPT	✓	✓	✓	✓	✓	✓
Digital Communication	✓	✓						

<sup>†</sup>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
<b>Measurement</b>											
Thermocouple	✓	✓	✓								
RTD			✓								✓
Thermistor			✓								
Voltage		✓									
Current							✓	✓			
Resistance			✓								
<b>Simulate</b>											
Thermocouple	✓	✓	✓	✓	✓				✓	✓	
RTD			✓			✓					✓
Thermistor			✓								
Voltage		✓		✓							✓
Current				✓			✓	✓			
Resistance			✓								
<b>Features</b>											
Simultaneous IN/OUT											
Ramp/Soak	✓		✓	✓							
Step	✓		✓	✓	✓	✓					
Self Excitation											
Traceability (NIST) <sup>†</sup>	✓	✓	✓	OPT	OPT	OPT	✓	✓	OPT	OPT	✓
Digital Communication											

<sup>†</sup>Note: OPT = Optional STD = Included Standard  
 ✓ = has this feature