



## Digital Laboratory Incubators

**BOD Incubators**—Refrigerated incubators keep low temperatures for applications such as fermentation studies, or plant and insect studies. Include color touch screens.

**Cell Culture Incubators**—Maintain your desired temperature, humidity, etc to grow and maintain cell cultures. 422V22 has a European plug.

**Incubators**—Ideal for testing sewage, wastewater, and other low and room temperature applications. Mechanical convection system for even air distribution. Microprocessor control system, PID temperature control, and LED display. Meets APHA specs for BOD testing.



422V21



61JM47



39J322

Refrigerated/Non-Refrigerated	Cap.	Temp. Range	Temp. Accuracy	Voltage	Chamber H	Chamber W	Chamber D	Brand	Mfr. Model	Item No.
<b>BOD Incubator</b>										
Refrigerated	2.4 cu. ft.	-10° to 80°C	±1.2	120V	17.7 in	15.8 in	15 in	Being Scientific	BIC-60C	60HU70
Refrigerated	4.2 cu. ft.	-10° to 80°C	±1.2	120V	23.6 in	19.7 in	15.8 in		BIC-120C	60HU71
<b>Cell Culture Incubators</b>										
Non-Refrigerated	0.23 cu. ft.	30° to 112°C	±0.25°C @ 37°C	240V	6.2 in	7.1 in	9.1 in	Benchmark Scientific	T5005-3205	422V21
Non-Refrigerated	0.23 cu. ft.	30° to 112°C	±0.25°C @ 37°C	240V	6.2 in	7.1 in	9.1 in		T5005-3205-E	422V22
Refrigerated	0.86 cu. ft.	4° to 75°C	±0.2°C	120V	10.25 in	14.25 in	10 in	Genie (Scientific Industries)	SI-1200	13R323
<b>Incubators</b>										
Refrigerated	1.9 cu. ft.	0° to 70°C	±0.1°C	115V AC	15.75 in	15.75 in	12.99 in	Mettmert	IPP55	61JM47
Refrigerated	6.5 cu. ft.	15° to 40°C	±0.5°C @ 20°C	120V	18.5 in	25.5 in	24 in		SRI6P	39J322
Refrigerated	6.5 cu. ft.	15° to 40°C	±0.5°C @ 20°C	240V	18.5 in	25.5 in	24 in	Shel Lab	SRI6P-2	39J323
Refrigerated	19.3 cu. ft.	15° to 40°C	±0.5°C @ 20°C	120V	54.5 in	25.5 in	24 in		SRI20P	39J324
Refrigerated	19.3 cu. ft.	15° to 40°C	±0.5°C @ 20°C	240V	54.5 in	25.5 in	24 in		SRI20P-2	39J325



## Convection Ovens and Box Furnaces

Provide controlled heat for drying, baking, sterilizing, heat treating, evaporating, annealing, and testing.

**Forced-air convection ovens** use blowers that circulate interior air to help provide uniform temperature. **Gravity convection ovens** can deliver precise temperature control with minimal emissions.

**Analog and Basic Digital Ovens**—Analog ovens have a dial thermostat and **Digital** ovens offer a digital display.

**Programmable Ovens**—Adaptive multifunctional digital PID-microprocessor controller with high-definition TFT-color display. Include adjustable overtemperature protection and 7-day timer.

**Vacuum Convection Ovens**—Feature cross-flow ventilation, overtemperature protection, stainless steel chamber, and vacuum gauge. Digital models offer microprocessor temperature control.

**Box Furnaces**—Yield consistent temperatures throughout the working chamber zone.



**Forced Air Convection Basic Oven**  
13R401



**Gravity Convection Programmable Oven**  
20H915



**Vacuum Convection Oven**  
39J318



**Box Furnace, Benchtop**  
38L773

Volume	Digital/Analog	Voltage	Temp. Range	Temp. Accuracy	Chamber H	Chamber W	Chamber D	No. of Shelves	Brand	Item No.
<b>Forced Air Convection Ovens</b>										
<b>Analog</b>										
0.6 cu ft	Analog	120 V	Ambient 25° to 232°	±6°F	8.25 in	12 in	10 in	2	Quincy Lab	8FHL1
1.1 cu ft	Analog	120 V			11.625 in	13 in	13 in	2	Quincy Lab	9KC57
1.8 cu ft	Analog	120 V			14.625 in	18 in	12 in	2	Quincy Lab	8NL51
2.9 cu ft	Analog	120 V AC			19.625 in	18 in	14 in	2	Quincy Lab	9E590
<b>Basic</b>										
13.7 cu ft	Digital	220 V	15° to 260°C	±3.0°C @ 150°C ±3.5°C @ 150°C	31 in	30.7 in	24.7 in	3	Shel Lab	13R399
27.5 cu ft	Digital	220 V			61 in	30.8 in	25 in	6	Shel Lab	13R401
<b>Programmable</b>										
5.7 cu ft	Digital	115 V	At least 10°C above ambient up to +300°C	up to 99.9°±0.1°C/ from 100°±0.5°C	28.4 in	22 in	15.8 in	2	Mettmert	42W036
9 cu ft	Digital	115 V			31.5 in	25.2 in	19.7 in	2	Mettmert	20H911
<b>Gravity Convection Ovens</b>										
<b>Analog</b>										
1.3 cu ft	Analog	120 V	Ambient 25° to 232°	±6°F	13 in	13 in	13 in	2	Quincy Lab	9K002
2 cu ft	Analog	115 V			16 in	18 in	12 in	2	Quincy Lab	9DW76
3 cu ft	Analog	120 V AC			21 in	18 in	14 in	2	Quincy Lab	8CYM0
<b>Basic</b>										
1.9 cu ft	Digital	115 V	At least 5°C above ambient up to +300°C	up to 99.9°±0.1°C/ from 100°±0.5°C	15.8 in	15.8 in	13 in	1	Mettmert	20H894
3.8 cu ft	Digital	115 V			18.9 in	22 in	15.8 in	2	Mettmert	20H897
<b>Programmable</b>										
1.1 cu ft	Digital	115 V	At least 5°C above ambient up to +300°C	up to 99.9°±0.1°C/ from 100°±0.5°C	12.6 in	15.8 in	9.8 in	1	Mettmert	20H915
1.9 cu ft	Digital	115 V			15.8 in	15.8 in	13 in	1	Mettmert	20H916
3.8 cu ft	Digital	115 V			18.9 in	22 in	15.8 in	2	Mettmert	20H917
9 cu ft	Digital	115 V			31.5 in	25.2 in	19.7 in	2	Mettmert	20H918
<b>Vacuum Convection Ovens</b>										
0.6 cu ft	Analog	120 V	15° to 210°C	±9°C @ 120°C	9 in	9 in	12 in	2	Shel Lab	39J318
1.7 cu ft	Analog	120 V			12 in	12 in	20 in	2	Shel Lab	39J320
1.7 cu ft	Digital	120 V	10° to 220°C	±3.5% of set point	12 in	12 in	20 in	3	Shel Lab	13R403
4.5 cu ft	Digital	120 V			18 in	18 in	24 in	3	Shel Lab	13R404
<b>Box Furnaces</b>										
<b>Box Furnace, Benchtop</b>										
6 L	Digital	220-240	1000°C	—	6.49 in	7.08 in	8.26 in	1	Carbolite	38L773
<b>Box Furnaces, Lab</b>										
13 L	Digital	220-240	1200°C	—	25.78 in	17.12 in	24.01 in	—	Carbolite	38L779
23 L	Digital	220-240			27.75 in	19.88 in	26.57 in	—	Carbolite	38L780