



48VG33



422V21



39J322



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, except 48VG33 has a digital display.

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.

Refrigerated/ Non-Refrigerated	Cap.	Temp. Range	Temp. Accuracy	Voltage	Chamber H	Chamber W	Chamber D	Brand	Mfr. Model	Item No.
BOD Incubators										
Refrigerated	1.2 cu. ft.	7° to 60°C	±0.7°C	120 to 240V AC	10.25 in	12 in	16.5 in	Revolutionary Science	RS-IF-233	48VG33
Refrigerated	1.2 cu. ft.	1° to 75°C	±0.7°C	120 to 240V AC	10.25 in	12 in	16.5 in		RS-IF-233pro	48VG34
Refrigerated	1.9 cu. ft.	1° to 75°C	±0.7°C	120 to 240V AC	16.5 in	12 in	16.5 in		RS-IF-253pro	48VG35
Refrigerated	2.6 cu. ft.	1° to 75°C	±0.7°C	120 to 240V AC	22.5 in	12 in	16.5 in		RS-IF-273pro	48VG36
Cell Culture Incubators										
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
Incubators										
Refrigerated	6.5 cu. ft.	15° to 40°C	±0.5°C @ 20°C	120V	18.5 in	25.5 in	24 in	Shel Lab	SR16P	39J322
Refrigerated	6.5 cu. ft.	15° to 40°C	±0.5°C @ 20°C	240V	18.5 in	25.5 in	24 in		SR16P-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		SR120P	39J324
Refrigerated	19.3 cu. ft.	15° to 40°C	±0.5°C @ 20°C	240V	54.5 in	25.5 in	24 in		SR120P-2	39J325



**Forced Air Convection
Basic Oven
13R401**



**Gravity Convection
Programmable Oven
20H915**



**Vacuum Convection Oven
39J318**



**Natural Gravity
Convection
Box Furnace, Benchtop
38L773**

Convection Ovens and Box Furnaces

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

Basic Digital Ovens—Shel Lab ovens feature microprocessor temperature control and digital electronic timer. LSS ovens include PID controller and PT 100 sensor.

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.



Volume	Digital/ Analog	Voltage	Temp. Range	Temp. Accuracy	Chamber H	Chamber W	Chamber D	No. of Shelves	Brand	Item No.
Forced Air Convection Ovens										
Basic										
13.7 cu ft	Digital	220 V	15° to 260°C	±3.0°C @ 150°C	31 in	30.7 in	24.7 in	3	Shel Lab	13R399
16 L	Digital	120 V	Ambient +10° to 250°C	±1°C @ 100°C	9.84 in	9.84 in	10.23 in	2	LSS	32EZ27
27.5 cu ft	Digital	220 V	15° to 260°C	±3.5°C @ 150°C	61 in	30.8 in	25 in	6	Shel Lab	13R401
30 L	Digital	120 V	Ambient +10° to 250°C	±1°C @ 100°C	12.59 in	12.59 in	11.81 in	2	LSS	32EZ24
50 L	Digital	120 V			14.96 in	15.74 in	12.99 in	2	LSS	32EZ25
80 L	Digital	120 V			17.71 in	17.71 in	15.74 in	2	LSS	32EZ26
Programmable										
9 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	Memmert	42W036
9 cu ft	Digital	115 V			31.5 in	25.2 in	19.7 in	2	Memmert	20H911
Gravity Convection Ovens										
Basic										
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	Memmert	20H894
3.8 cu ft	Digital	115 V			18.9 in	22 in	15.8 in	2	Memmert	20H897
30 L	Digital	120 V			12.6 in	12.6 in	11.8 in	2	LSS	32EZ28
50 L	Digital	120 V			14.96 in	15.74 in	12.99 in	2	LSS	32EZ29
90 L	Digital	120 V			18.5 in	17.71 in	16.92 in	2	LSS	32EZ30
Programmable										
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	Memmert	20H915
1.9 cu ft	Digital	115 V			18.9 in	15.8 in	13 in	1	Memmert	20H916
3.8 cu ft	Digital	115 V			18.9 in	22 in	15.8 in	2	Memmert	20H917
9.0 cu ft	Digital	115 V			31.5 in	25.2 in	19.7 in	2	Memmert	20H918
Vacuum Convection Ovens										
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			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
Natural Gravity Convection Ovens										
Box Furnace, Benchtop										
6 L	Digital	220-240	1000°C	—	6.49 in	7.08 in	8.26 in	1	Carbolite	38L773
Box Furnaces, Lab										
13 L	Digital	220-240	1200°C	—	25.78 in	17.12 in	24.01 in	—	Carbolite	38L779
23 L	Digital	220-240		—	705 in	19.88 in	26.57 in	—	Carbolite	38L780