

# LAB EQUIPMENT & SUPPLIES Ovens

## Economical Gravity Convection Ovens

- Priced to offer exceptional value

These ovens are recommended for general-purpose laboratory applications such as preheating, drying and evaporation. Heavy steel double-walled construction and scratch-resistant finish provide years of use. Aluminized steel interior prevents corrosion from moisture.

**Includes:** adjustable chrome-plated shelves and supports, thermometer with rubber grommet for insertion in predrilled hole in top on oven and 6-ft cord with 3-prong plug for 115 VAC operation. 18-month warranty.

**Note:** Since these are gravity convection ovens, there is no fan to circulate the air inside the chamber. Therefore temperature can vary from one area of the oven to another by up to 5°C. Check with your local regulatory agency to see if this is acceptable for performing total suspended solids testing in your area. If not, you will need a mechanical convection oven.

**Shipping:** Additional shipping fees apply.

<b>Maximum temperature:</b>	220°C
<b>Temperature stability:</b>	±3.0°C
<b>Power requirements:</b>	115 VAC, 50/60 Hz



SIZE	CHAMBER SIZE W x H x D	EXTERIOR SIZE W x H x D	AMPS	STOCK #	EACH
0.70 ft³	12" x 10" x 10"	14" x 17" x 12"	5.3	68770	\$
1.27 ft³	13" x 13" x 13"	15" x 21" x 15"	7.0	68771	
2.00 ft³	18" x 16" x 12"	20" x 25" x 14"	10.5	68772	

### Replacement Items

DESCRIPTION	STOCK #	EACH
Replacement Thermometer	36968	\$

## SHEL LAB Digital Ovens

- Electronic timer for convenient operation
- Over-temperature safety feature
- Choose from gravity and mechanical convection ovens



SHEL LAB's digital ovens offer PID microprocessor temperature control with an LED display and easy-to-use keypad for optimal stability and accuracy. The digital electronic timer automatically turns the oven off at the end of an application cycle ranging from one minute to 99 hours and 59 minutes. Dual-control fail-safe function operates independently from the main controller, so your temperature never exceeds the setpoint. Non-volatile memory ensures that setpoints aren't lost, even in a power outage.

Triple-wall construction maximizes insulation, and the durable stainless steel interior is easy to clean. Use the access port with a thermometer (not included) to verify chamber temperatures. A cool-touch damper lets you adjust the exhaust without contacting hot surfaces.

Choose from gravity convection or mechanical convection ovens. Gravity convection ovens are a great choice for general-purpose heating applications or for samples that might be blown around. Mechanical convection ovens circulate heated air for improved temperature uniformity. Large-capacity unit (stock # 92927) is ideal for high-volume sample drying—especially good for glassware drying.

**Includes:** adjustable feet, two adjustable shelves (stock # 92927 includes three shelves), instructions and 6-ft power cord. 2-year warranty.

**Note:** mechanical convection ovens are not recommended for total suspended solids testing.

<b>Maximum temperature:</b>	306°C (260°C for stock # 92927)
<b>Temperature uniformity:</b>	see ordering table



Mechanical Convection Oven 48835

MFR #	SIZE	MAX # SHELVES ALLOWED	TEMPERATURE UNIFORMITY	CHAMBER SIZE (W x H x D)	EXTERIOR SIZE (W x H x D)	VOLTS/AMPS	STOCK #	EACH	ADDITIONAL SHELF WITH CLIPS	STOCK #	EACH
<b>GRAVITY CONVECTION OVENS</b>											
SGO1	1.4 ft³	6	±3.5°C	12.1" x 14.5" x 13.7"	22.7" x 31.5" x 23.5"	110-120/12.0	92928	\$	92951	\$	
SGO3	3 ft³	7	±3.5°C	16.5" x 16.2" x 19.5"	26.9" x 34" x 26.8"	110-120/14.0	92929		92952		
SGO5	4.9 ft³	9	±3.5°C	21" x 20.7" x 19.4"	31.5" x 38.8" x 28.1"	110-120/14.0	92930		92953		
<b>MECHANICAL CONVECTION OVENS</b>											
SMO1	1.4 ft³	6	±2.25°C	12.1" x 14.5" x 13.7"	22.7" x 31.5" x 23.5"	110-120/12.0	92925	\$	92954	\$	
SMO3	3 ft³	7	±1.75°C	16.5" x 16.2" x 19.5"	26.9" x 34" x 26.8"	110-120/14.0	48835		48836		
SMO5	4.9 ft³	9	±1.75°C	21" x 20.7" x 19.4"	31.5" x 38.8" x 28.1"	110-120/14.0	92926		92956		
SMO14	14.6 ft³	8	±3°C	30.8" x 31" x 24.8"	39.1" x 48" x 34"	230/12.0	92927		92957		

## We also RECOMMEND...

### Extra-Long Crucible Tongs

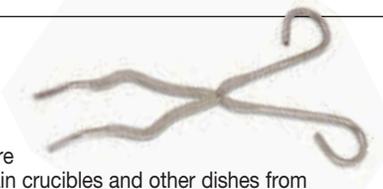
These long tongs have tight-fitting tips for handling dishes in muffle furnaces. Made of nickel-plated steel. Length is 18 inches.



DESCRIPTION	STOCK #	EACH
Extra Long Tongs	77279	\$

### Stainless Steel Crucible Tongs

These stainless steel tongs feature serrated tips for handling porcelain crucibles and other dishes from drying ovens in solids applications. Can be autoclaved or flame sterilized.



DESCRIPTION	STOCK #	EACH
Economy SS Crucible Tongs	28980	\$