

Ovens

Mechanical/Forced Air



The mechanical/forced air oven incorporates a rugged, triple wall construction. In addition, users can adjust the air exhaust from the chamber without being near the heat source.

The 99 hour and 59 minute digital timer has an independent control so its use is optional. Once the timer expires the power is cut to only the heating elements.

Whatever the application, these general purpose ovens deliver precise uniformity, air distribution and the peace of mind expected from the SHEL LAB brand.

FEATURES

- Microprocessor Controls
- Superb Temperature Control
- Cool Touch Damper
- Digital Timer to 99 hr and 59 min
- Optional Reversible Door

APPLICATIONS

While oven applications are very diverse, it is possible to break down their uses into three main categories: Drying, Baking and Curing. Common drying applications include drying glassware, paper and pulp, textiles, non-flammable crystalline chemicals solid materials and tissue. Ovens are also used for biochemical research, drug metabolism research, moisture content analysis, pre-heating containers, moisture elimination, chemical precipitation and proteins and starch digestion.

**2 Year
Limited
Warranty!**



Forced Air Ovens	Model Number		
	110-120V 220-230V Details	SM03 SM03-2 Medium	SM05 SM05-2 Large
Exterior Dimensions (wxdxh)	Inches	26.0 x 27.0 x 35.5	30.5 x 27.5 x 40.0
	cm	66.0 x 68.6 x 90.2	77.5 x 69.9 x 101.6
Chamber Dimensions (wxdxh)	Inches	16.5 x 19.2 x 16.5	21.0 x 19.2 x 21.0
	cm	41.9 x 48.9 x 41.9	53.3 x 48.9 x 53.4
Incubator Chamber Capacity	cu ft	3	5
	L	86	139
Temperature Range	Celsius	Ambient + 15°C to 225°C	Ambient + 15°C to 225°C
Temperature Uniformity	minutes	+/- 2°C at 150°C	+/- 2.5°C at 150°C
Temperature Recovery	minutes	5 minutes at 150°C	8 minutes at 150°C
Heat-up Time	minutes	36 minutes to 150°C	30 minutes to 150°C
Number of Shelves	Included	2	2
	Maximum	8	8

* All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology. We reserve the right to change specifications at any time. For a complete list of product specifications, call (800)322-4897 or visit the SHELL LAB website, www.shellab.com

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1-800-322-4897