Cleanroom Oven

SHEL●LAB ®

SHEL LAB clean air ovens incorporate all the special features needed for high temperature cleanroom work: a fully welded stainless steel interior, two adjustable perforated stainless steel shelves, rapid heat recovery, and two separate LED digital displays for time and temperature that show setpoint or up-to-the-second process information. The controller provides a 24-step ramp and soak. A sealed membrane touch-pad control panel protects the controllers.

These units also have three adjustable air intake and exhaust ducts that are easily removed for cleaning and allow the use of either room or recirculated air. A nitrogen inlet port for purging is standard to prevent contamination. SHEL LAB cleanroom ovens are made with 3.5 inches of high-temperature, wrap-around insulation and a high-temperature silicone door gasket. It includes a HEPA Class E11 filter that will trap 95% of airborne particles as small as 0.3 microns. Please note that the filter may be weakened if the oven is operated above 200°C.

Applications:

Healthcare Industry
- Annealing the plastics on syringes and catheters
- Adhesive curing and coating curing on pacemakers
- Curing the coating on stents
- Polymerizing contact lenses
- Curing the coating on eye glass lenses

Manufacturing
- Curing, drying, heating wafers and electronic components
- Epoxy and adhesive curing
- Die bond curing
- Baking of coatings

2 Year Limited Warranty!

Cleanroom Oven		Model Number
	220-230V	**SM05CR-2**
Exterior Dimensions (wxdxh)	Inches	35.0 x 29.0 x 38.0
	cm	89.0 x 73.7 x 96.5
Chamber Dimensions (wxdxh)	Inches	17.0 x 20.0 x 20.1
	cm	43.2 x 50.8 x 51.0
Incubator Chamber Capacity	cu ft	3.9
	L	110
Temperature Uniformity	Celcius	+/- 1.0°C at 110°C
Temperature Range	Celcius	Ambient + 15°C to 200°C
Heat-up Time	Minutes	10 to 110°C (35 to 180°C)
Recovery Time	Minutes	4 to 110°C
Number of Shelves	Included	2
	Maxiumum	8
Stand	Optional	Part # 9000559

*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 (120V/230V). Temperature specifications follow DIN 12880 methodology.
We reserve the right to change specifications at any time. EU/CE/SCC/CSA/OHSA/UL Compliant
For a complete list of product specifications, call (800)322-4897 or visit the SHEL LAB website, www.shellab.com

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