



SHEL LAB clean air ovens incorporate many special features needed for high temperature cleanroom work: a stainless steel exterior; fully welded stainless steel interior; stainless steel shelving; brushless circulation blower motor; high-temperature Class E-11 particle filter; digital LED displays for up-to-the-second process information; and a programmable temperature controller capable of up to 40 ramp and soak steps (10 steps per profile, and up to 4 profiles that can be run independently or consecutively).

These units have adjustable air intake and exhaust ducts that are easily removed for cleaning. Chamber air is continually passed through the particle filter in this oven's Horizontal Airflow regimen; this contrasts with other oven designs that merely filter the incoming air once. A nitrogen inlet purge port is standard to reduce external air ingress and risk of contamination. SHEL LAB cleanroom ovens are made with high-temperature, wrap-around insulation and a high-temperature silicone door gasket. Please note that the filter may be weakened if the oven is operated above 200°C, but is effective and serviceable up to 270°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!**

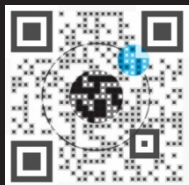


Cleanroom Oven	Model Number	
	220-230V	SM05CR-2
Exterior Dimensions (wxdxh)	Inches	35.0 x 29.0 x 38.0
	cm	89.0 x 73.7 x 96.5
Chamber Dimensions (wxdxh)	Inches	17.0 x 20.0 x 20.1
	cm	43.2 x 50.8 x 51.0
Incubator Chamber Capacity	cu ft	3.9
	L	110
Temperature Uniformity	Celcius	+/- 1.0°C at 110°C
Temperature Range	Celcius	Ambient + 15°C to 270°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
	Maximum	8
Stainless Steel Cabinet 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](http://www.shellab.com)

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1-800-322-4897