Vacuum Ovens
Economy Series

All SHEL LAB vacuum ovens are built with a stainless steel chamber for exceptional durability.

The doors on these units have positive latch handles with spring-loaded glass to facilitate a good vacuum seal without hinge binds that shorten the gasket life. A selection of gaskets (for specific applications) and a small bench top footprint increase the versatility of these ovens.

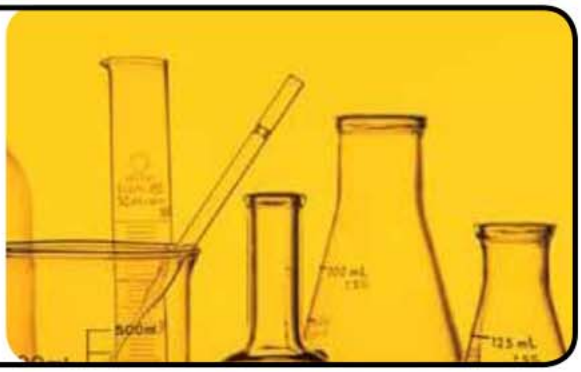
SHEL LAB was the first to bring square vacuum ovens to the industry and we continue to offer innovative, top-of-the-line vacuum ovens. Our unique cross-flow ventilation forces inert gas to fill the entire chamber.

The SHEL LAB Vacuum Ovens are equipped with silicone gaskets. While these gaskets resist a wide variety of temperatures and pressures, they can breakdown in the presence of solvents and acids. For solvent applications, we recommend using Buna gaskets. For acidic applications, we recommend using Fluorosilicone or Viton® gaskets.

SHEL LAB stocks vacuum pumps and related accessories that are compatible with most applications. Our technical support team is available to advise on the perfect solution for your complete vacuum oven system purchase.

Vacuum Oven Applications

- Moisture Determination
- Out Gassing Solids
- Aging Tests
- Plating
- Chemical Resistance Studies
- Drying of Paper
- Rubber and Textiles
- Desiccating
- Dry Sterilization
- Out Gassing Liquids
- Vacuum Storage
- Electronic Process Control



Analog Temperature Control -

- Temperature Uniformity
  +/- 3.0°C at 60°C
  +/- 9.0°C at 120°C
  +/- 13.0°C at 200°C
- Temperature Range Ambient +15°C to 210°C
- Heat-Up Time 90 minutes to 150°C

Vacuum Control -

- Vacuum Range
  inch Hg (-3.0 to -29.9)
  kPa (-10 to -101)
  mbar (-101 to -1010)
- Display Range (Analog Dial Gauge)
  inch Hg (0 to 30), cm Hg (0 to 76)

2 Year Limited Warranty!

Vacuum Ovens	110-120V / 220-230V	Model Number SVAC1E / SVAC1E-2	SVAC2E / SVAC2E-2
Exterior Dimensions (wxdxh)	Inches	15.5 x 19.0 x 22.5	18.5 x 27.8 x 25.3
	cm	39.4 x 48.3 x 57.2	47.0 x 70.5 x 64.2
Chamber Dimensions (wxdxh)	Inches	9.0 x 12.0 x 9.0	12.0 x 20.0 x 12.0
	cm	22.8 x 30.4 x 22.8	30.4 x 50.8 x 30.4
Oven Chamber Capacity	cu ft	0.6	1.7
	L	17	48
Number of Shelves	Included	2	2

*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.

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