

# Vacuum Ovens

Large Capacity



The SHEL LAB Model SVAC9-2 includes a Watlow temperature controller that can be programmed to perform multiple ramp and soak profiles. A digital vacuum gauge shows chamber vacuum level in measurements of Torr and m/Torr. The display range is 760 Torr down to 0 mil Torr. A secondary independent high limit controller provides overtemperature safety protection.

This unit includes true vacuum valves and has cross-flow ventilation within the oven chamber to enhance total performance. The vacuum oven is secured to a ruggedly constructed mobile stand which offers space for a vacuum pump at the base. Although the oven is not supplied with a vacuum pump, KF25 connections are provided.

## FEATURES

- Fully Programmable Watlow Temperature Control Capable of 40 Step Ramp and Soak Profiles or 4 Files With 10 Steps Per File
- Digital Vacuum Gauge
- RS485 Communication
- Stainless Steel Exterior Option (Ideal For Cleanroom Applications)

All SHEL LAB vacuum ovens are equipped with Viton® 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 gaskets.

## 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



**2 Year  
Limited  
Warranty!**



**Precise Temperature Control -**

- Heat-up Time 130 minutes to 150°C
- Temperature Uniformity +/- 6.0% of Set Point
- Temperature Range Ambient + 15.0°C to 220°C

*Optional Stainless Steel Exterior*

Large Capacity Vacuum Oven	Model Number	
	220-230V	SVAC9-2
Exterior Dimensions (wxdxh)	Inches	38.1 x 46.8 x 63.9
	mm	965 x 1189 x 1624
Chamber Dimensions (wxdxh)	Inches	28.0 x 24.0 x 24.0
	mm	711 x 6010 x 610
Oven Chamber Capacity	cu ft	9.3
	L	264
Number of Shelves	Included	3

\*Technical data specified applies to units with standard equipment at an ambient temperature of 25°C and at nominal voltage. The temperatures specified are determined in accordance to factory standard following DIN 12880 respecting the recommended wall clearances of 10% of the height, width, and depth of the inner chamber. All indications are average values, typical for units produces in the series. We reserve the right to alter technical specifications at all times. For a complete list of product specifications, call (800)322-4897 or visit the SHEL LAB website, [www.shellab.com](http://www.shellab.com)

*SHEL LAB vacuum ovens support diverse applications, however these ovens do not come equipped with vacuum pumps or related accessories. Please consult with your Sales Representative if you need additional equipment to form a complete vacuum oven system.*

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[www.shellab.com](http://www.shellab.com)  
1-800-322-4897