

# 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



