



»» Tenney

Industrial Vacuum Ovens

### Thermal Vacuum Ovens

Tenney industrial vacuum ovens perform product testing and MIL-SPEC testing, and they can be incorporated into many commercial production processes. The chambers provide a complete vacuum system and control system that is pretested and ready to operate. You only need to connect the chamber to an electrical power source.

The basic vacuum ovens are designed to function at vacuum levels up to 20 mm Hg (80,000' altitude). Vacuum pump systems of greater capacities are available with vacuum capabilities up to 0.169 mm Hg (200,000').



#### ▶ SVO Models (High Temperature Vacuum Ovens)

- Vacuum conditioning as described for S Models.
- VersaTenn V Control System
- Brine heating system on workspace walls
- Achieves temperatures from approximately 15°C above ambient to +150°C
- Fully insulated workspace

#### ▶ Standard Accessories

- Viewing Window in Door
- Stainless Steel Shelves
- Flanged Access Ports
- Chart Recorder
- IEEE Communications
- LinkTenn 32 Software
- Extended Altitude Range

Model (S) Vacuum Only (SVO) Vacuum With Heat to +150°C	8S 8SVO	18S 18SVO	27S 27SVO	64S 64SVO
Interior Dimensions (WxHxD)	24"x24"x24" (61cm x 61cm x 61cm)	30"x30"x36" (76 cm x 76 cm x 91cm)	36"x36"x36" (91 cm x 91 cm x 91 cm)	48"x48"x48" (122 cm x 122 cm x 122 cm)
*Exterior Dimensions (WxHxD) (S Models Only)	40½"x64"x42½" (103cm x 163cm x 108cm)	46½"x70"x54½" (118cm x 178cm x 138cm)	52½"x76"x54½" (133cm x 193cm x 138cm)	58"x90"x68½" (147cm x 228cm x 174cm)
Shipping Weight Uncrated (Approx.)	1000 lbs	1500 lbs	2200 lbs	3800 lbs
Power Requirements	208V or 230V, 1Ph, 60 Hz (Other voltages optional)			

\* Add 2" (5cm) to (W x H x D) for SVO overall dimensions.

Control of conditions is as indicated on instrumentation furnished with chamber. Minor performance variations with window and accessories. Performance data is based on ambient temperature of +24°C (+75°F) at sea level on 60 Hz operation. For 50 Hz operation, performance will be reduced. Under certain programming conditions standard rates of change may vary. Consult factory for your specific requirements.

Temperature Range	Control Tolerance	Heating Rate	Ultimate Vacuum	Uniformity	Vacuum Pump	Vacuum Measurement	Control Interface
Approximately +15°C above ambient to +150°C	+/- .3C	Ambient to +100°C in 90 minutes	20mm/hg (20.88 Torr or 80,000')	+/-1C	Oil sealed rotary pump with gas ballast and solenoid valves for vacuum and vent	feet	RS232

All specifications are subject to change without notice.



**Gruenberg, Blue M, Tenney**

Mailing Address: P.O. Box 150 | White Deer, PA 17887-0150 | USA |

Phone: (570) 538-7200 | Fax: (570) 538-7380

Physical Address: 2821 Old Route 15 | New Columbia, PA 17856-9396

info@thermalproductsolutions.com

Specifications and Product Information are subject to change without notice.