



VO Series Vacuum Lab Ovens

Tenney Vacuum Lab Ovens are designed for drying, curing, outgassing, aging, process control and other applications which require elevated temperature in reduced atmospheres. Select from three sizes, all with digital microprocessor control, built-in over temperature protection. All Vacuum Oven sizes feature doors with viewing window.



► Features

Temperature Range: 15°C above ambient to +200°C

Controllers: Ramp and soak microprocessor control, front mounted

Over temperature: Independent over temperature safety system factory set with reset pushbutton.

Heating Element: Electric plate design for extended life performance

Vacuum Capability: 1.5 torr (140,000 feet)

Vacuum System: 1" (25.4mm) manifold, chamber rear, exterior, connects to pump or in-house vacuum source

Interior: Corrosion resistant stainless steel with two (2) shelves. Interior pressure shell is painted cold rolled steel. Heavy gauge galvanized steel construction with powder coat painted exterior

Cabinet: Heavy gauge steel construction, dual wall, with fiber-glass insulation for minimum heat loss

Gasket: High temperature silicone specially molded for positive seal

Viewing Window: Standard on all models; permits observation of work in process

Shelves: Two shelves come standard. Additional shelves are available. Shelves are removable and adjustable

Accessories: Pumps, traps, hoses, clamps and fittings may be ordered separately

Electrical: Power cord included on all models

► Available Options

Vacuum Pump: Rotary vane vacuum pump is designed for quiet, reliable performance. The pump's direct drive design assures trouble free operation and maintenance. All models are equipped with built in check valve with prevents oil vapors from diffusing back into the chamber should the motor shutdown. All pumps and accessories ordered separately and require customer installation

- 3.7CFM for VO-27
- 5.9CFM for VO-90 and VO-136

Model	VO-27	VO-90	VO-136
Interior Size in Cubic Foot/Liters	0.95CF/27L	3.2CF/90L	4.8CF/136L
Interior Dimensions WxDxH	300mm x 300mm x 300mm 11.8" x 11.8" x 11.8"	450mm x 450mm x 450mm 17.7" x 17.7" x 17.7"	550mm x 450mm x 550mm 21.6" x 17.7" x 21.6"
Exterior Dimensions WxDxH	640mm x 712mm x 1088mm 25.2" x 28" x 42.8"	800mm x 862mm x 1248mm 31.5" x 33.9" x 49.1"	900mm x 862mm x 1348mm 35.4" x 33.9" x 53.1"
Interior Material	Stainless Steel		
Temperature Range	Ambient +20°C to 200°C		
Heating Rate	≤100min (Ambient Temp. to Max. Temp.)		
Control Interface	High Quality Digital PID Temp. Controller		
Temperature Control Model	Ramp and Soak		
Window Dimensions WxH	214mm x 364mm / 8.4" x 14.33"		
Power Supply	115V/1Ph/60Hz		208~230V/1Ph/60Hz
Power	1.2kW	1.5kW	2kW
Shelves	2		



TPS Tenney - VO9 Vacuum Lab Oven 101316 rev3



**Baker Furnace, Blue M, Gruenberg, Lindberg/MPH,
Lunaire, Tenney, Wisconsin Oven**

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Specifications and Product Information are subject to change without notice.

»» Baker Furnace »» Blue M »» Gruenberg »» Lindberg/MPH
»» Lunaire »» Tenney »» Wisconsin Oven