

4.5 Cubic Foot / 127.5 Liter
Chamber Volume

Large Viewing
Window

Includes Three
Adjustable Shelves

Programmable
Temperature
Controller

Digital Overtemp
Protection

Digital Vacuum
Gauge



Cascade TEK Model SVO-501

Chamber Capacity	4.5 Cubic Ft. (127.5 Cubic Liters)
Interior Dimensions W x D x H (cm)	18 x 18 x 25" (46 x 46 x 63) Stainless Steel Interior
Exterior Dimensions W x D x H (cm)	26 x 36 x 64.125" (66 x 92 x 163) Powder Coated Epoxy Exterior
Temperature Range	Ambient + 15° C to 240° C
Temperature Uniformity	+/- 3.5% of setpoint
Temperature Control	Watlow Programmable "Ramp & Soak" Digital Control RS-485 comm port for temperature
Over-Temperature Protection	Watlow Digital Overtemp Failsafe
Vacuum Level	10 mTorr at 150° C (Vacuum Pump Dependent)
Vacuum Pump (Installed)	Rotary Vane, Dry Pump or Custom Pump Configurations K25 Vacuum rated connections, traps, filters in pump lines
Vacuum Gauge	Vacuum Transducer with Digital Vacuum Gauge RS-232 comm port for vacuum
Vacuum Valves (Installed)	Manual open/close of vacuum valve Manual open/close of vent valve Connection for nitrogen purge/backfill included
Standard Door Gasket	Silicone (ask about options)
Shelves (Aluminum)	3 Adjustable on 1/2" Centers
Electrical Requirements	208V-240V / 1ph / 20 amps
Shipping Weight	850 lbs (Unit Weight 572 lbs)
Warranty	100% for 1 year

Turn-Key Vacuum Drying Oven

The SVO-501 is built to execute your unique bake-out or drying process. Cascade TEK integrates the specific **size** and **type** of vacuum pump to minimize drying time.

Automate Vacuum Process for Easy Operation

The SVO-501 can be automated for simple "push button" execution of your vacuum drying process. Smart Relay Control automates the opening/closing of the vacuum valves, nitrogen backfill, purging, and venting sequences. Alarm conditions notify the operator if the process spec is not being met.

Ask about this option.

Datalogging

The SVO-501 can be outfitted with a multichannel touchscreen datalogger- displaying temperature, vacuum and independent thermocouple readings in real time. Data is easily downloaded via a USB thumb drive. Extended security for FDA 21CFR Part 11 compliance and IQ/OQ Software tools are available for datalogging.

Ask about this option.