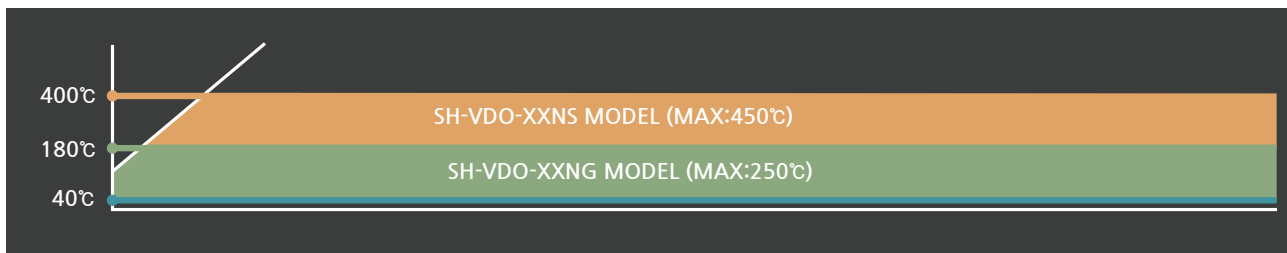


# VACUUM OVEN

We offer

- Vacuum Drying Oven
- 450°C Vacuum Drying Oven
- Precision Temp Control Vacuum Drying Oven
- Precision Temp Control Vacuum Drying Oven Package
- Vacuum Drying Oven Package
- Vacuum Product Accessories

## Selection guide



Ambient temperature is below 25°C, relative humidity is lower than 80%

## Shelves' detail

Catalog No.	Dimensions(WxDxH)	Weight	Material	Applicable Model
VDPS08G	185x183x3mm 7.28x7.20x0.12"	0.3 Kg	Aluminum	SH-VDO-08NG
VDPS30G	285x283x3mm 11.22x11.14x0.12"	0.7 Kg		SH-VDO-30NG
VDPS70G	385x383x3mm 15.16x15.08x0.12"	1.3 Kg		SH-VDO-70NG
VDPS125G	485x483x3mm 19.09x19.02x0.12"	2 Kg		SH-VDO-125NG
VDPS216G	585x583x3mm 23.03x22.95"	2.5 Kg		SH-VDO-216NG
VDPS30S	286x267x13mm 11.25x10.51x0.51"	3.0 kg	Stainless Steel	SH-VDO-30NS
VDPS70S	386x367x13mm 15.19x14.44x0.51"	5.6 kg		SH-VDO-70NS
VDPS125S	486x467x13mm 19.13x18.38x0.51"	9.0 kg		SH-VDO-125NS
VDPS175G	486x667x11mm 19.13x26.25x0.43"	2.8 kg	Aluminum	SH-VDO-175NG
VDPS252G	586x667x11mm 23.07x26.25x0.43"	3.4 kg		SH-VDO-252NG

# Precision Temp Control Vacuum Drying Oven



Specialized in food industry



\*Stackable type

Model	SH-VDO-175NG	SH-VDO-252NG
Temp Range	Ambient +5°C to 150°C (Ambient + 9°F to 302°F)	
Temp Uniformity	±0.5°C at 38°C(100°F)	
Heating Type	Shelf Individual Direct Heating	
Vacuum Resistance	0 to 76 cmHg (0 to 0.1MPa)	
Temp Controller	Microprocess PID Digital controller	
Controller	4 EA	5 EA
LED Lamp	DC 24V, 1.2W, LED bar, Waterproof, Cool White	
Heater Capa	0.3 KW x 4EA=1.2KW	0.3 KW x 5EA=1.5 KW
Dimension Internal (WxDxH)	500x700x500mm	600x700x600 mm
	19.7x27.6x19.7"	23.6x27.6x23.6"
Dimension External (WxDxH)	865x955x715mm	965x953x825mm
	34.05x37.60x28.15"	38x37.52x32.5"
Weight	160 Kg	250 Kg
Material Internal	Stainless Steel	
Material External	Steel Plate With Powder Heating Coated	
Material Packing	Silicon Rubber Packing	
View Window	Yes (with LED light)	
Heating Shelves	4 Supplied	5 Supplied
Electrical Requirements 120V ,50/60Hz, 1φ	10 A	12.5 A
Cat. No.	VDO175NG120	VDO252NG120
Electrical Requirements 230V,50/60Hz, 1φ	5.2 A	6.5 A
Cat. No.	VDO175NG230	VDO252NG230

• Safety Device

- Electricity leakage circuit breaker
- Over temp. controller

# Precision Temp Control Vacuum Drying Oven Package

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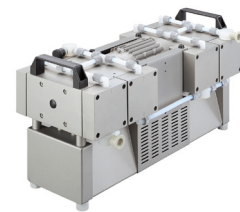


<VDO-PK-175G>



<VDO-PK-252G>

Package Model	VDO-PK-175G	VDO-PK-252G
Vacuum Dry Oven	SH-VDO-175NG	SH-VDO-252NG
Chiller	SH-WB-12CDR	
Vacuum Pump	MP 901 Z	MP 1801 Z
Dimension(WxDxH)	1315x955x1610mm	1415x953x1720mm
	51.77x37.60x63.38	55.70x37.52x67.71"



Model	Bath Capacity
SH-WB-12CDR	12.5 L
Temp Range	Ambient -60°C to Ambient (Low limit -40°C) Ambient -28°F to Ambient

Model	Pump Speed
MP 901 Z	125 L/min
Ultimate Pressure	< 8 torr

Model	Pump Speed
MP 1801 Z	221.7 L/min
Ultimate Pressure	< 8 torr

# SH-DV (Oil free) Series

## Introduction of Oil free Scroll Vacuum Pump



- Wide product line up.
- No oil back diffusion or exhaust.
- Can be repeatedly continuous operated between atmospheric and vacuum.
- Low vibration, low noise and high efficiency.
- Ease of maintenance.

Model		SH-DV75	SH-DV150	SH-DV300	SH-DV600
Pumping Speed(50/60Hz)		72L/min	143L/min	305L/min	623L/min
Ultimate Pressure		7.9 Pa ( $\leq 6.0 \times 10^{-2}$ torr)	5.3 Pa ( $\leq 4.0 \times 10^{-2}$ torr)	2.5 Pa ( $\leq 1.9 \times 10^{-2}$ torr)	0.9 Pa ( $\leq 7.5 \times 10^{-3}$ torr)
Inlet/Exhaust Flange		KF 25/16	KF 25/16	KF 25/16	KF 40/16
Motor 1 phase	Motor Power(kW)	0.25	0.25	0.75	0.75
	Voltage (VAC)	220V,50/60Hz or 110V,50/60Hz			
	Speed (rpm)	50Hz /1425; 60Hz /1725			
Motor 3 phase	Motor Power(kW)	-	0.25	0.55	0.75
	Voltage (VAC)	-	50 Hz/200~230 or 380~415; 60 Hz/200~230 or 460		
	Speed (rpm)	-	50Hz/1425; 60Hz/1725		
Ambient temperature(°C)		5~40			
Noise Level (dB)		$\leq 52$	$\leq 57$	$\leq 60$	$\leq 61$
Net Weight	1phase(kg)	15	18	27	31
	3phase(kg)	-	20	31	38
Others		With air flush			
Recommended for		Vacuum Drying Ovens (SH-VDO-08NG, SH-VDO-30NG, SH-VDO-30NS) Tube Furnace All Packages	Vacuum Drying Ovens (SH-VDO-30NG, SH-VDO-70NG, SH-VDO-125NG, SH-VDO- 216NG,SH-VDO-30NS, SH-VDO-70NS,SH-VDO- 125NS) Tube Furnace All Packages	Vacuum Drying Ovens (SH-VDO-125NG, SH-VDO- 216NG, SH-VDO-175NG, SH-VDO-252NG, SH-VDO- 125NS)	Vacuum Drying Ovens (SH-VDO-125NG,SH-VDO- 216NG, SH-VDO-175NG, SH-VDO-252NG, SH-VDO-125NS)