

Oil-Free Piston Vacuum Pumps

Chemvak V series vacuum pump is a piston-powered, oil-free pump. With innovative electronic, mechanical technology and human design concept make, compact and light weight, clean and maintenance free, safe and comfortable.

Features

No air pollution, maintenance free

Chemvak V series pumps are driven by Piston, without the need of lubricant, regular oil changes and maintenance; with no oil pollution.

Moisture trap with filter cartridge

Chemvak V series pumps are equipped with filter cartridge in air inlet to filter particle and moisture to prolong the life of pump.

Vacuum regulator

Chemvak V series pumps are equipped with vacuum regulator to adjust vacuum.

Thermal protection device

Every motor of Chemvak V series pumps has a built-in thermal protection device to shut off the pump automatically when overheated and then resume working when the temperature cools down.

Application Areas

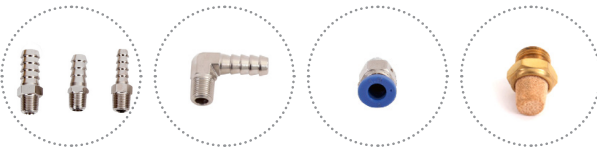
- Biology laboratories
- Food industry
- Microbiological detection
- Vacuum extraction
- Liquid filtration
- Vacuum drying
- Suspended solids measurement

Specifications

Model	V300DC
Power (V / Hz)	DC 12V
Max. power (W)	35
Max. current (A)	3
Max. vacuum (mbar)	150
Max. flow rate (L/min)	24
Motor rotation (RPM)	1800
Port thread (mm)	9
Dimension WxDxH(mm)	269x121x164
Weight (kg)	3.5
Noise level (dB)	50
Order No.	167330-00

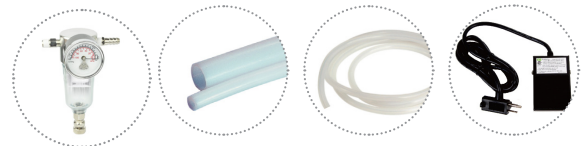


Accessories For Oil-Free Piston Pumps



Connectors / Silencer

Description	Order No.
Connectors	
Outlet Diameter 9.5 mm	167300-20
Outlet Diameter 8 mm	167300-21
Outlet Diameter 6.4 mm	167300-26
Outlet Diameter 4.8 mm	167300-23
Outlet Diameter 3.2 mm	167300-24
L- Shape Connector	
Outlet Diameter 8 mm	167300-25
Quick Connection Outlets	
Outlet Diameter 12 mm	168100-12
Outlet Diameter 10 mm	168100-10
Outlet Diameter 8 mm	168100-08
Outlet Diameter 6 mm	168100-06
Outlet Diameter 4 mm	168100-04
Silencer	
Applicable to V300/400/410	167300-42



Non-Chemical-Resistant Filtration Device/ Foot Pedal

Description	Order No.
Non-Chemical-Resistant Filtration Device	
Non-Chemical-Resistant Filtration Device Set 1 (incl. pressure gauge)	167300-05
Non-Chemical-Resistant Filtration Device Set 2 (does not incl. pressure gauge)	167300-06
Foot Pedal	
Applicable to C and V Series Vacuum Pumps	167200-41

Tubing

Order No.	Outer Diameter mm	Inner Diameter mm	Thickness mm	Length m
PTFE Tubes				
168010-01	6	4	1	1
168011-01	8	6	1	1
168012-01	10	8	1	1
168013-01	12	10	1	1
Silicon Tubes				
168020-01	12	6	3	1
168021-01	14	8	3	1
168022-01	16	10	3	1
Length upon request (min. 1m)				