

Oil-Free Piston Vacuum Pump



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Model: V300 (made from Wiggnes)

The **V300 Oil-Free Piston Vacuum Pump** is a compact, lightweight, and maintenance-free solution for various laboratory and industrial applications. Designed with innovative electronic and mechanical technology, this pump ensures reliability, safety, and convenience.

Key Features

- **Oil-Free Operation:**

The piston-driven mechanism eliminates the need for lubricants, oil changes, and regular maintenance, ensuring a clean and pollution-free vacuum system.

- **No Air Pollution:**

Chemvak V series pumps are completely oil-free, making them eco-friendly and eliminating the risk of oil contamination.

- **Moisture Trap with Filter Cartridge:**

The air inlet is equipped with a filter cartridge that filters particles and moisture, prolonging the pump's lifespan and ensuring optimal performance.

- **Vacuum Regulator:**

Comes with a built-in vacuum regulator, allowing precise adjustment of the vacuum level to suit various applications.

- **Thermal Protection Device:**

The motor is equipped with a thermal protection device that automatically shuts off the pump when overheated. It resumes operation once the temperature cools down, ensuring safety and durability.

- **Compact and Lightweight Design:**

Its compact dimensions and lightweight build make it easy to handle, transport, and install in any workspace.

Applications

The V300 Vacuum Pump is ideal for:

- Biology Laboratories
- Food Industry
- Microbiological Detection
- Vacuum Extraction
- Liquid Filtration
- Vacuum Drying
- Suspended Solids Measurement

Specifications

Specification	Details
Model	V300
Order No.	167300
Flow Rate (at atm.)	1.02 m ³ /h (17 L/min)
Ultimate Vacuum	100 mbar abs.
Max. Power	60 W
Max. Current	0.3 A
Motor Speed	1,450 rpm
Hose Connections	Ø 9 mm
Noise Level	50 dB
Dimensions (W x D x H)	272 x 142 x 165 mm
Weight	4.4 kg
Power Supply	220V / 50Hz

Why Choose the V300 Vacuum Pump?

- **Eco-Friendly:** Completely oil-free design ensures no environmental pollution.
- **Durable and Safe:** Thermal protection device safeguards against overheating.
- **Ease of Use:** Compact, lightweight, and equipped with a vacuum regulator for precision.
- **Cost-Effective:** Maintenance-free operation saves time and costs over the long term.

For additional details or to request a quote, please contact us directly.