

## Oil-Free Piston Vacuum Pump



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#### Model: V300 (made from Wiggins)

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