Oil-Free Piston Vacuum Pump

Model **V300** | Brand **Master Science**



Oil-Free Piston Vacuum Pump

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.

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
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Key Benefits

ECO-FRIENDLY

- Completely oil-free design ensures no environmental pollution.

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.

Key Features

- Chemvak V series pumps are completely oil-free, making them eco-friendly and eliminating the risk of oil contamination.
- The air inlet is equipped with a filter cartridge that filters particles and moisture, prolonging the pump's lifespan and ensuring optimal performance.
- Comes with a built-in vacuum regulator, allowing precise adjustment of the vacuum level to suit various applications.
- 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.

Technical Specifications

PARAMETER	SPECIFICATION
SpecificationDetails	
Order No.167300	
Flow Rate (at atm.)1.02 m³/h (17 L/min)	
Ultimate Vacuum100 mbar abs.	
Max. Power60 W	
Max. Current0.3 A	
Motor Speed1,450 rpm	
Hose ConnectionsØ 9 mm	
Noise Level50 dB	
Dimensions (W x D x H)272 x 142 x 165 mm	
Weight4.4 kg	
Power Supply220V / 50Hz	

Applications

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