

Oil-Free Vacuum Pump

Product Description

The LABWAN Oil-Free Vacuum Pump is a compact, lightweight, two-stage piston-driven pump designed for clean, reliable and low-maintenance operation. It delivers a maximum flow rate of 50 L/min and achieves a maximum vacuum of 100 mbar (-710 mmHg) at 1450 RPM. With a 60 W motor, 45 dB noise level, and compact 180 × 150 × 85 mm design, it is suitable for liquid filtration, microbiological detection, suspended solids measurement, vacuum drying and vacuum extraction. The system includes a vacuum controller, filter and vacuum gauge set for convenient vacuum control and monitoring.

Application/uses

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



LW-VP50

Features

- Oil-Free Piston Operation
- Compact & Lightweight Design
- Clean & Maintenance-Free Operation
- No Oil Contamination
- Air Inlet Filter Cartridge for effective particle and moisture filtration
- Adjustable Vacuum Regulator for convenient vacuum control
- Built-In Thermal Protection for automatic shutdown during overheating
- Automatic Restart after the motor temperature returns to a safe level
- Reliable, Safe & Convenient Operation

Specification	Details
Product Name	Vacuum Pump - Oil Free
Model	LW-VP50
Power (V / Hz)	220 / 50
Max. power (W)	60
Max. current (A)	0.3
Stage	2
Max. vacuum (mbar)	100 (-710 mmhg)
Power	¼ HP
Max. flow rate (L/min)	50
Motor rotation (RPM)	1450
Port thread (mm)	10 mm
Dimension W x D x H (mm)	180X150X85
Weight (kg)	4.4
Noise level (dB)	45
Including Vacuum Controller, Filter & Vacuum Gauge Set (At Extra Cost)	

Caution

- Please do not use this vacuum pump with any corrosive chemicals such as Acid, Alkali & Organic Air.
- Avoid any material or liquid sucked down into the pump that will cause serious damage.