



# Vacuum Pump, Oil-Free, Double Head & Gauge

Code 663-833

## Vacuum Pump, Oil-Free, Double Head & Gauge



Westlab's Vacuum Pump is designed for efficient and hassle-free operation.

Utilising a piston, this advanced pump eliminates the need for regular lubrication, oil changes, or maintenance, making it a low-maintenance solution for your laboratory needs.

Equipped with Prote™ overflow protection, this pump can prevent a large amount of liquid from entering the unit, ensuring reliable and safe operation. To further extend the lifespan of the product, a filter cartridge is fitted at the air inlet, effectively filtering out particles and moisture.

Safety is a top priority with the Vacuum Pump. The motor is fitted with a built-in thermal protection device, which automatically shuts off the pump in case of overheating. It resumes operation once the temperature has cooled, protecting the motor from damage, and ensuring uninterrupted operation.

With its versatile capabilities, the Vacuum Pump is suitable for a wide range of applications including filtration for microbiology tests, air sampling, suspended solid tests, and vacuum filtration.



Air Sampling



Microbiological Tests



Total Suspended Solids



Vacuum Filtration

### Product Features

- Piston-Driven, Oil-Free Vacuum Pump
- Air Inlet Protection & Vacuum Regulator
- Integrated Thermal Protection Safety
- Prote™ Overflow Protection
- Manufactured In Taiwan
- No Air Pollution

#### Australia

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### PRODUCT CODE

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#### United States

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## Product Specifications

### Performance Information

Vacuum	99 mbar abs. maximum*	
Flow Rate	37L/min at 60 Hz	34L/min at 50 Hz
Hose Barb Type	Straight Hose Barb	
Hose Barb Details	Inner Diameter of 8mm, ID8. The optimal tubing should have an inner diameter of 6mm.	
Noise Level	52 dB	

\* The mbar value corresponds to the remaining gas particles within the system, and a lower particle count indicates a higher level of vacuum.

### Electrical Information

Voltage	110V	220V
Frequency	50 Hz	60 Hz
Power	110W (1/6 HP) max.	80W (1/6 HP) max.
Current	1.0 A max.	0.4 A max.

### General Information

Type	Piston
Oil-Free	Yes
Vacuum Regulator	Yes
Overflow Protection	Yes
Filter Cartridge	Yes
Overheat Protection	Yes
Feet	Rubber for low vibration
Unit Dimensions	310mm L x 140mm W x 200mm H
Unit Weight	5.2kg
Protection Class	IP 30
Country of Origin	Taiwan
Standards Conformity	CE Certification CSA Certification IP 30 Certification RoHS Certification UKCA Certification



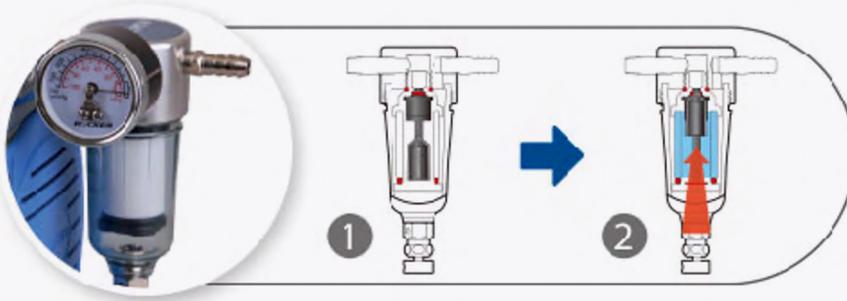
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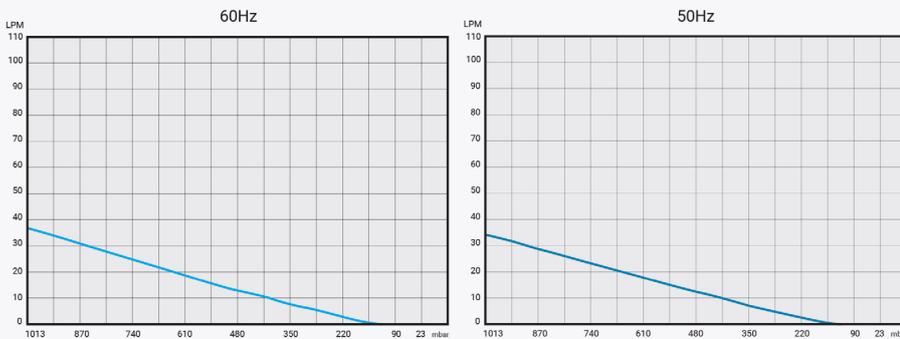
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### Prote™ Overflow Regulation



### Pumping Speed



### Optional Accessories

Code	664-330	
Description	Air Outlet	
Muffler Type	Copper	
Code	664-331	
Description	Cross Type O-Ring	
Code	664-332	
Description	PPS Cylinder Block	
Code	664-333	
Description	Valve Plate, FKM Rubber	

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<b>Code</b>	<b>664-334</b>	
<b>Description</b>	Prote Filter Cartridge, Overflow Protection	
<b>Material</b>	Polyethylene	
<b>Pore Size</b>	20µm	
<b>Safety</b>	Yes, Prote™ Overflow Protection	

<b>Code</b>	<b>664-335</b>	
<b>Description</b>	Moisture Trap & Vacuum Regulator	
<b>Material</b>	Polycarbonate	

<b>Code</b>	<b>664-336</b>	
<b>Description</b>	Moisture Trap & Drain Valve	

<b>Code</b>	<b>664-337</b>	
<b>Description</b>	Piston Set	

## Ordering Information

<b>Code</b>	<b>Description</b>
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