

## Portable oil-free vacuum pump

Product Number: PFVP001

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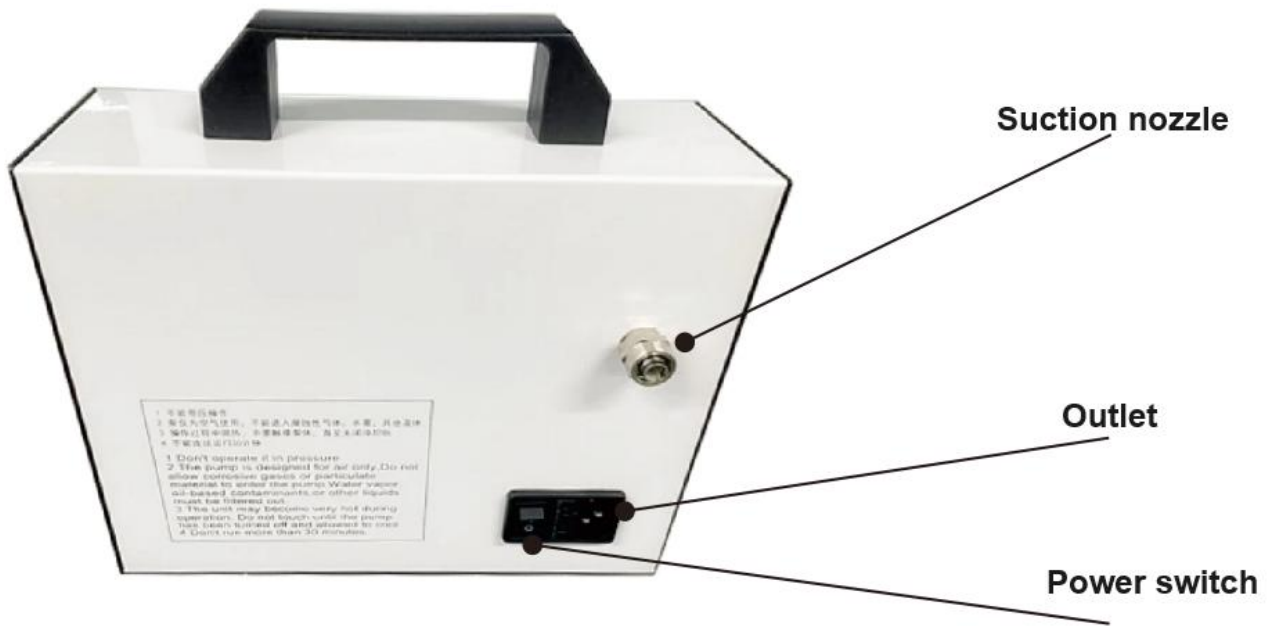
### Description

The handheld oil-free vacuum pump has advanced design, compact and reasonable structure, small volume, light weight, convenient movement, smooth operation, high vacuum degree, low noise, high work efficiency, and long service life. It selects different materials and filter membranes with different pore sizes according to the needs of the operator, achieving the functions of removing impurities in the solvent, purifying, and disinfecting bacteria. In chromatographic analysis, the solvent filtered by it not only effectively extends the service life of the chromatographic column, but also significantly improves the data accuracy of the analysis system due to its vacuum removal effect.



### Technical Parameter

Vacuum pressure	0.01MPa~0.08MPa
Power	55W
Maximum flow rate	10L/min
Continuous operating time	< 30min
Supply voltage	220V
Power frequency	50/60Hz
External dimensions	24cm*16cm*24.5cm
Weight	3.04kg



### Installation and usage steps

1. After opening the packaging and inspecting, plug in the power supply.
2. Press the power switch and observe the operation of the pump. At this point, there should be a normal operating sound. Gently touch the suction nozzle at the back with your hand, and you should feel that there is an inhalation effect. When blocked, observe the indication on the pressure gauge, and it should meet the indicator as normal.
3. Connect one end of the trachea to the suction nozzle, the other end to the pressure regulating valve, and the other end of the pressure regulating valve to the negative pressure device.