

Electric Vacuum Pump

1014149

Overview

This is a high-quality vacuum pump specifically designed for educational use, with a precision machined one-stage pump for reliable use and convenient carry handle for moving between prep or classrooms.

Specifications

Free Air Displacement	1.5CFM
Ultimate Vacuum	5Pa
Voltage	220V ~ /50Hz
Power	¼HP
Oil Capacity	310ml

Box Contents

Inside each vacuum pump box should be:

- 1x Vacuum Pump
- 1x Air Filter
- 1x Hose Fitting
- 1x Bottle of Oil
- 1x Instruction booklet

Instructions

1. Remove all components from the box and place on a table. Make sure to check of components against the Box Contents section of this instruction sheet.
2. On the vacuum pump, there is a small black cap covering a treaded opening above the pressure gauge. Remove this and fit the brass Hose Fitting supplied. Making sure it is on tight!
3. Some Vacuum Pumps will come prefilled with oil, but it is always best practise to check the oil level before use. To check the oil level, there is a small window on the side of the pump that views into the oil reservoir. There are oil level guide markers cast into the sides of the window, if there is no oil showing in the window or the oil is to low, open the oil bottle provided with the vacuum pump and fill so the oil via the large back cap on top of the pump so that it is in between the markers.
 - a. If there is too much oil, you can remove the small bolt on the bottom of the pump to let some out.
4. Once oil is at the correct level, you can fit the exhaust filter. This is a cylindrical shaped paper filter that threads onto the oil filler hole opening.
5. Once this is completed, the vacuum pump is ready for operation.
 - a. **Please note, on first use the vacuum pump will have some steam come from the unit. This is normal operation as the pump and oil are new.**

- b. Once the unit is filled with oil, it is not recommended that it be tipped onto its side or upside down. This will cause the oil to travel where not recommended or will cause oil to leak out from the air intakes.

Please note this product does not come with vacuum tubing needed for most use cases. Please see item 1168002 for the correct fitting vacuum tubing required for operation with this pump!

Pump Components

