

**General Instruction of Portable Diaphragm Type Vacuum Pump cum Air Compressor (Oil Free)**

Before starting the Vacuum Pump/Compressor, please ensure that the pump is kept on vibration free, flat and a clean platform. If the nozzle is not connected to the suction/discharge side, then connect the same using Teflon tape on its treading. Before connection the nozzle, remove the dust cap (mostly red in colour) unless specified; always connect to a 5 amps 230 V power supply. Ensure that it is earthed properly.

**For use as a Vacuum Pump: -**

Since the Vacuum Pump is designed to handle only air, please ensure that corrosive vapors do not enter the Vacuum Pump. Also dust should not enter the pump or else, it will damage the Vacuum Pump. To avoid dust or corrosive gases from entering the pump always use a trap in-between the Vacuum Pump and the equipment to be evacuated. Our guarantee is limited to the manufacturing defects and does not cover damage due improper use of the pump or due to foreign material entering the pump.

**For use as a Compressor: -**

Although the Compressor has a built in suction filter, still always use an external suction filter to avoid dust from entering the Compressor.

**Note: -**

Use "Pump Guard" between your system and pump. It will trap moisture and particles and enhance pump life (Supplied at extra cost).  
Never lubricate the pump.  
Pump contains built-in suction filter.  
Still use good quality external suction to avoid foreign material from entering the pump.  
Never allow chemically non-compatible vapors to come in contact with the wetted parts, as it may damage the pump.

**Maintenance Procedure: -**

When the pump gives less vacuum or less pressure carry out the following procedure: -  
Remove the four Allen bolts the head to remove the head.  
The Diaphragm will be visible.  
Check the Diaphragm, if it is punctured, then it should be replaced.  
USE THE screwdriver to remove the plate holding the Diaphragm.  
Replace the Diaphragm with a new Diaphragm and refit the plate.  
To clean the head, remove the valve fitted on the head with a screwdriver.  
Remove the plate on the head by removing the five screws clamping the plate.  
Remove the valve.  
Clean it with Kerosene oil and use a fine polish paper, if required to clean it.  
Re-assemble the job.



<b>Portable Diaphragm Type Vacuum Pump cum Air Compressor Oil free, light weight.</b>			
<b>Cat. No.</b>	<b>Max. Flow</b>	<b>Maximum Vacuum (in Hg.) / Pressure (PSIG)</b>	<b>Motor</b>
	<b>Ltr./Min.</b>		<b>H.P.</b>
1200/01	15	22" / 25	1/20
1200/02	15	27" / 35	1/16
1200/03	45	22" / 45	1/8
1200/04	45	27" / 55	1/4
1201	Vacuum gauge with regulator for above		
1205	Portable Teflon Diaphragm Vacuum Pump cum Air Compressor Oil free, light weight with regulator. Flow 38lts./min. , Vacuum 27" , motor ¼ H.P.		
1225	FILTER FUNNEL MANIFOLD FOR STERILITY TEST This mechanism is to accepts up to three 47mm. dia. filter funnels. This mechanism can be connected in series to the same vacuum source to expand capacity if required. Large support base provides excellent stability each of the three vacuum outlets has leak-proof, two-way stopcock & a vent to accepts filter funnel through silicon rubber cork.		
1226	FILTER FUNNEL MANIFOLD FAR STERILITY TO ACCEPT Up to six 47mm dia. filter funnels in series with six stainless steel funnels.		

**Genaxy Scientific Pvt. Ltd :**