

## DIAPHRAGM VACUUM PUMP

### Products Introduction

“Jinteng” series Diaphragm Vacuum Pump has the features of continuous oil free pumping, low noise level, higher efficiency, long lifetime. It is mainly used in medicinal products analysis, industry of fine chemicals, biochemical pharmacy, food examination, The criminal investigation technology, etc. It is used with the precision chromatography instrument, the necessary of laboratory. This product is specially designed for laboratory, reliable and ease to use. These series of products have obtained the national patent

### APPLICATION

Vacuum adsorption  
Solvent filtration  
Vacuum distillation  
Vacuum drying  
Compressing and converting gas  
SPE (solide phase extraction)  
Deaeration

### FILTERING SCHEME



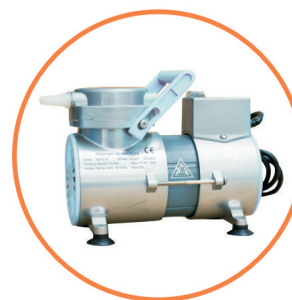
### FEATURES:

- 1、The product could work without any medium and does not produce pollution .The gas exchange room is placed with filtering material , to ensure that the air is clean .
- 2、New material and new technology are adopted in production . It is convenient to move , and work smoothly , thus ensuring the ideal vacuum degree and higher air velocity.
- 3、Using frictionless membrane body movement , does not produce heat , no friction consumption . Imported rubber diaphragm has corrosion resistance and long service life .
- 4、Automatic cooling exhaust system is designed in the body , ensures continuous operation 24 hours a day .
- 5、The pressure adjustable design can satisfy a certain range of vacuum and gas velocity .
- 6、Bearing imported classic bearing , smooth operation , low noise , high efficiency.
- 7、The parts in contact with the gas of anticorrosive pump is with TEFLON surface treatment , which have complete ability of resistance to chemical corrosion .
- 8、Special motor exported is ODM provided by the professional motor manufacturer who has got the European CE certification. It has the reasonable rotation design, equipped with a power overheat protector, when the pump body temperature reached 130°C , it will automatically power off , to Protect the motor from being damaged in the long running work .
- 9、Small volume and light weight, easy to move , save space, convenient repair and maintenance

## SPECIFICATION

### GM-0.20

Speed of evacuation ( L/Min ) : 12
Ultimate pressure vacuum : $\geq 0.075$ Mpa 250 mbar
Voltage rating :220Vac, 50Hz
Motor power (w) : 75W
Pressure : $\geq 30$ Psi
Inlet (mm) : $\phi$ 6
Outlet (mm) : $\phi$ 6
Temperature of working environment ( °C ) : 7-40
Function : Vacuum & Pressure
Pump head : Nylon
Temp of the body (°C) : <55
Dimensions ( LXBXH ) (mm) : 195 x 98 x 156
Noise level ( DB ) : <60
Weight ( kg ) : 4



GM-0.20

### GM-0.33II

Speed of evacuation ( L/Min ) : 20
Ultimate pressure vacuum : $\geq 0.08$ Mpa 200 mbar
Voltage rating :220Vac, 50Hz
Motor power (w) : 160W
Inlet (mm) : $\phi$ 6
Outlet : Inner Silencer
Temperature of working environment ( °C ) : 7-40
Function : Vacuum
Pump head : 1
Temp of the body (°C) : <55
Dimensions ( LXBXH ) (mm) : 215 x 120 x 235
Noise level ( DB ) : <60
Weight ( kg ) : 7.5
Diaphragm : NBR
Valves : NBR



GM-0.33II



GM-0.5II

### GM-0.33III

Speed of evacuation ( L/Min ) :20
Ultimate pressure vacuum : $\geq 0.095$ Mpa 50 mbar
Voltage rating :220Vac, 50Hz
Motor power (w) : 160W
Inlet (mm) : $\phi$ 6
Outlet : Silencer
Temperature of working environment ( °C ) : 7-40
Pump head : 2
Temp of the body (°C) : <55
Dimensions ( LXBXH ) (mm) : 300 x 120 x 235
Noise level ( DB ) : <60
Weight ( kg ) : 10
Diaphragm : NBR
Valves : NBR

### GM-0.50

Speed of evacuation ( L/Min ) :30
Ultimate pressure vacuum : $\geq 0.08$ Mpa 200 mbar
Voltage rating :220Vac, 50Hz
Motor power (w) :160W
Pressure : $\geq 30$ Psi
Inlet (mm) : $\phi$ 6
Outlet (mm) : $\phi$ 6
Temperature of working environment ( °C ) : 7-40
Function : Vacuum & Pressure
Pump head : 1
Temp of the body (°C) : <55
Dimensions ( LXBXH ) (mm) : 210 x 160 x 235
Noise level ( DB ) : <60
Weight ( kg ) : 8
Diaphragm : NBR
Valves : NBR