



YW02A DC 12V mini vacuum pump compressor diaphragm

Digisix Technology Co., Limited

- **SPECIFICATIONS**

MODEL: YW02

Product introduction:

Brief introduction of diaphragm pump products. Micro electric diaphragm pump is the use of DC micro motor (motor voltage is 5V, general 12V, 24V) as power drive device, drive the internal mechanical eccentric motion, the eccentric motion driven by internal diaphragm do reciprocating motion. Thus the pump cavity of fixed volume of air is compressed (compressed air exhaust port open close, forming micropositive pressure), tension (compression close the exhaust port, exhaust port open to form negative pressure), the pump outlet and the outside atmospheric pressure, under the action of the pressure difference, the gas pressure (suction) into the pump cavity, and then discharged from the exhaust port.

Advantages of DC micro diaphragm pump

A lot of the micro pump, micro pump, vacuum pump is a diaphragm type. Because of air or smoke exhaust port with outside air to form a pressure difference, at the same time, unlike the large vacuum pump lubrication oil and vacuum pump oil, does not pollute the medium, and has the advantages of small size, low noise, maintenance free, can 24 hours of continuous operation and other advantages, so the micro vacuum pump is used as a power device, widely for gas sampling, air circulation, vacuum adsorption, accelerated filtration and so on, has been widely used in the field of medical, health, scientific research, environmental protection etc..





