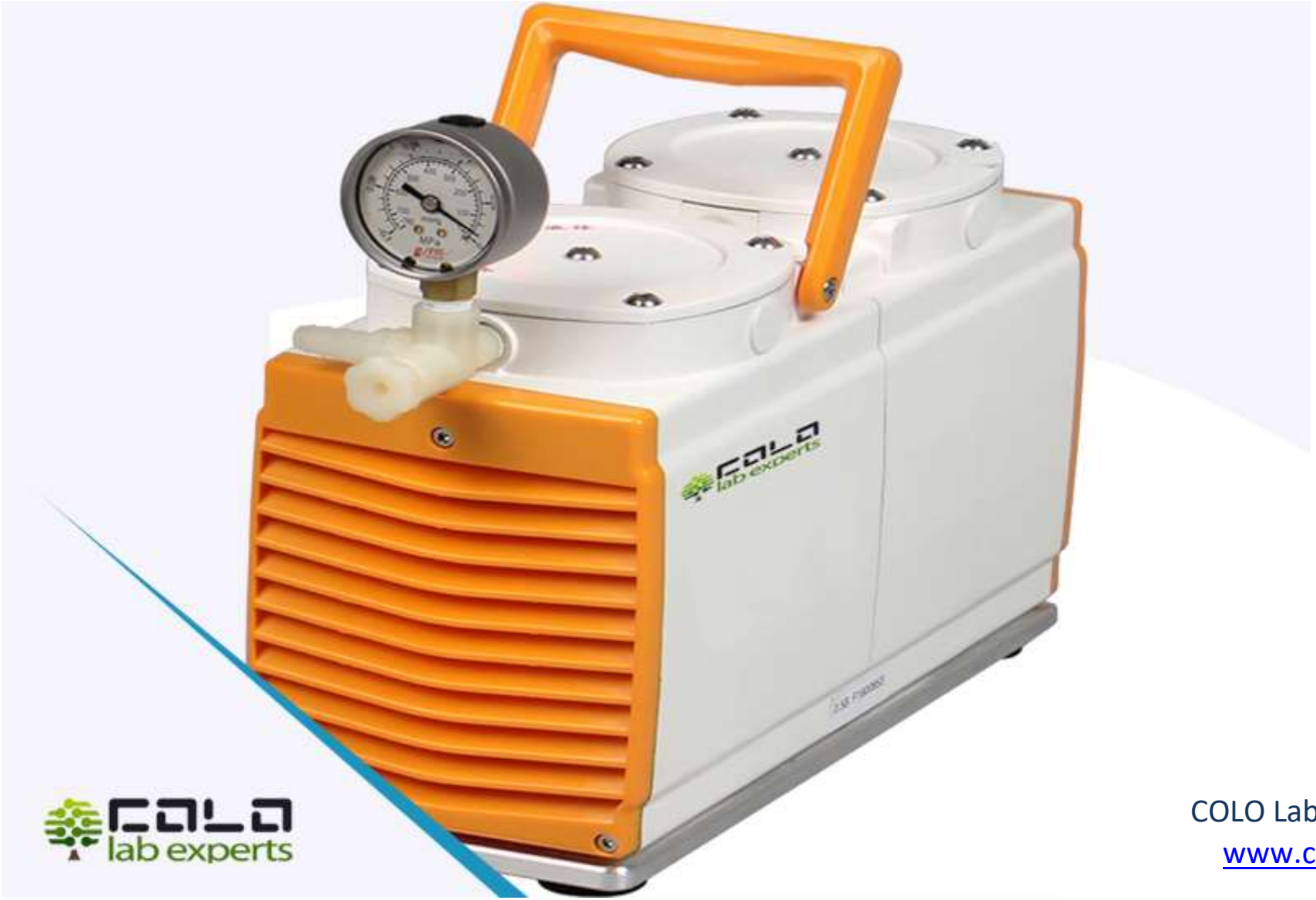
VACUU-CDT – Diaphragm Vacuum Pump Teflon Double Head



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VACUU-CDT - TECHNICAL SPECIFICATION

Series Diaphragm PTFE Vacuum Pump has the features of continuous 100% oil free pumping, low noise level, higher efficiency, and long lifetime. It is mainly used in medical products analysis, industry of fine chemicals, biochemical pharmacy, food examination, the criminal investigation technology... It is used with the precision vacuum meter instrument, the necessary of laboratory. This product is specially designed for laboratory, reliable and easy to use.

Application:

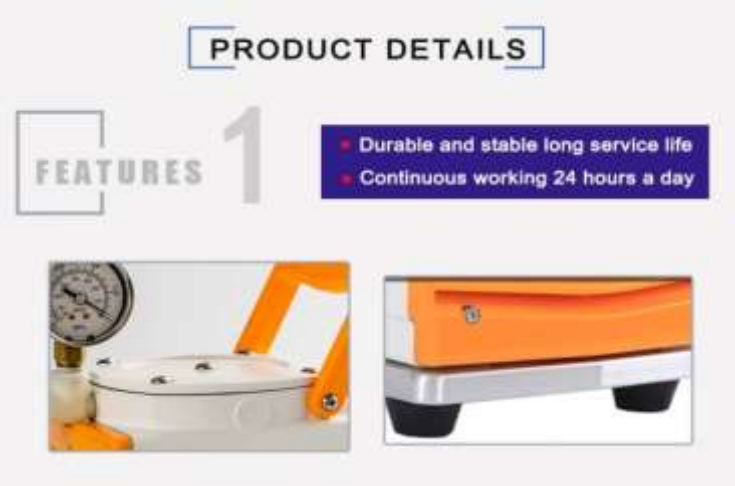
Vacuum adsorption
Rotary evaporation
Solvent filtration
Vacuum distillation
Vacuum drying
Applicable for Air, Gases and Vapours
Fluid aspiration, distillation
Compressing and converting gas, degassing
Gel drying
Centrifugal concentration
SPE (solid phase extraction) deaeration
Features:

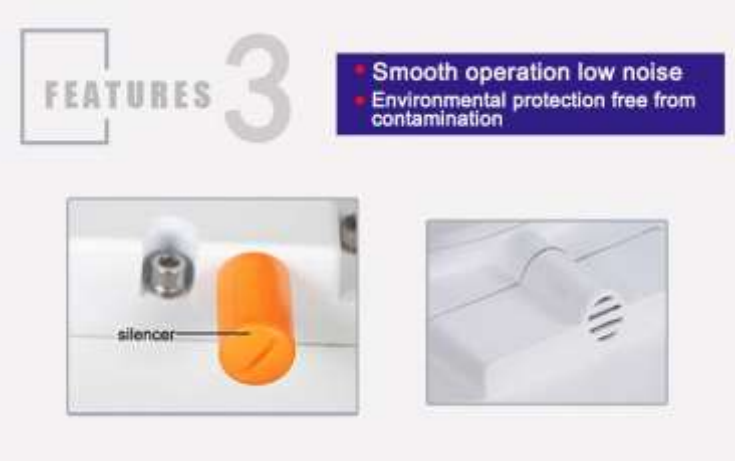
The product could work without any medium and does not produce pollution. The gas exchange room is placed with filtering material, to ensure that the air is clean.
New material and new technology are adopted in production. It is convenient to move, and work smoothly, thus ensuring the ideal vacuum degree and higher air velocity.
Using frictionless membrane body movement does not produce heat, no friction consumption. PTFE diaphragm has corrosion resistance and long service life.
Automatic cooling exhaust system is designed in the body, ensures continuous operation.
The pressure adjustable can satisfy a certain range of vacuum and gas flow.
Smooth operation, low noise, high efficiency. Suitable for air, gases and vapor.
The part in contact with the gas of anticorrosive pump is with (TEFLON Series) surface treatments, which have complete ability of resistance to chemical corrosion.
The motor has the reasonable rotation design, equipped with a power overheat protector, when the pump body temperature reached 130 degrees, it will automatically power off, to protect the motor from being damaged in the long running work.
Small volume and light weight, easy to move save space, convenient repair and maintenance.

- 100% oil-free transfer
- Maintenance-free
- Overheating motor protected
- Environmentally friendly
- Pure transferring and evacuation of gases, high level of steam and condensate compatibility
- PTFE pump head combined with PTFE coated membrane is ideal for extremely aggressive/corrosive gases and vapours (series COT and CDT)

CONFIGURATION AND OPTION

Instrument Type	VACUU-COT20	VACUU-CDT20	VACUU-COT30	VACUU-CDT30	VACUU-CDT60
Speed of evacuation L/min	20 L/min	20 L/min	30 L/min	30 L/min	60 L/min
Number of head	1	2	1	2	2
Ultimate Vacuum mbar (abs)	10 mbar abs	10 mbar abs	10 mbar abs	5 mbar abs	8 mbar abs
Pressure max. Rel.	1 bar (rel.)	1 bar (rel.)	1 bar (rel.)	1 bar (rel.)	1 bar (rel.)
Motor power (W)	95W	120W	130W	140W	160W
Motor protection	IP 44				
Pressure	≥30Psi				
Inlet (mm)	ϕ6				
Outlet (mm)	ϕ6				
Temperature of working environment (℃)	5-40				
Pump Head	Single PTFE	Double PTFE	Single PTFE	Double PTFE	Double PTFE
Diaphragm	PTFE-coated				
Function	Vacuum/Pressure	Vacuum/Pressure	Vacuum/Pressure	Vacuum/Pressure	Vacuum/Pressure
Max. Body Temperature	<55 ℃				
Dimensions (L*W*H) (mm)	215*120*235	300*120*235	210*160*235mm	300*120*235mm	300*160*235mm
Noise level (DB)	<45	<50	<50	<50	<50
Weight (kg)	6.2 Kg	10 Kg	6.6 Kg	10Kg	10 Kg
Gross weight	7.5 Kg	11,5 Kg	7,5 kg	11Kg	11 Kg
Valves material	FFPM				
Voltage	230V/50Hz				
Optional Accessories	Analogue vacuum meter, Digital vacuum meter, additional valves and fittings according your demand,				





Please note

If this Vacuum Pump does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

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