



VACUU-COM12 Economical Diaphragm Vacuum Pump

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Catalogue



t° LIMITER



100% Oil Free – PTFE coated



Maintenance free – oil separator built in



Overheating motor protected



Oil free



Aggressive resistant

Suitable for highly aggressive or corrosive gases and vapor (series COT and CDT)

Series Diaphragm Vacuum Pump for air, gases and vapours, 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

Solvent filtration

Vacuum distillation

Vacuum drying

Compressing and converting gas

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. 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
- Vacuum meter and vacuum settings
- Environmentally friendly
- Pure transferring and evacuation of gases
- Suitable for highly aggressive or corrosive gases and vapor (series COT and CDT)

Instrument Type	VACUU-COM12	VACUU-COS20	VACUU-CDS20	VACUU-COS30	VACUU-CDS30	VACUU-CDS60
Prices EUR						
Speed of evacuation L/min	10 L/min	20 L/min	20 L/min	30 L/min	30 L/min	60 L/min
Number of head	1	1	2	1	2	2
Ultimate Vacuum mbar (abs)	100 mbar abs	100 mbar abs	100 mbar abs	100 mbar abs	50 mbar abs	80 mbar abs
Pressure max. Rel.	1 bar (rel.)	1 bar (rel.)	1 bar (rel.)	1 bar (rel.)	1 bar (rel.)	1 bar (rel.)
Motor power (W)	75W	95W	120W	130W	140W	160W
Pressure	≥30Psi					
Inlet (mm)	φ6					
Outlet (mm)	φ6					
Temperature of working environment (°C)	7-40					
Pump Head	Single	Single	Double	Single	Double	Double
Function	Vacuum	Vacuum/Pressure	Vacuum/Pressure	Vacuum/Pressure	Vacuum/Pressure	Vacuum/Pressure
Max. Body Temperature	<55 °C					
Dimensions (L*W*H) (mm)	144 * 198 *244	215*120*235	300*120*235	210*160*235mm	300*120*235mm	300*160*235mm
Noise level (DB)	<40	<45	<50	<50	<50	<60
Weight (kg)	4 Kg	6.2 Kg	10 Kg	6.6 Kg	10Kg	10 Kg
Gross weight	4.5 Kg	7.5 Kg	11,5 Kg	7,5 kg	11Kg	11 Kg
Valves for gas regulation	Stainless steel corrosion resistant					
Diaphragm	Nylon	NBR				
IP motor protection	IP44					
Standard accessotiors	2m vacuum tubes f6mm wall 5mm					
Voltage	220V/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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VACUU-COT Diaphragm Vacuum Pump Teflon Single Head

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Teflon Head -100% Oil Free



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Overheating motor protected



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VACUUM-CDT Diaphragm Vacuum Pump Dual Teflon Head

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Dual Teflon Head



Maintenance free



Overheating motor protected



Environmentally friendly



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VACUU-COT Diaphragm Vacuum Pump Dual Head

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Dual Head -100% Oil Free



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Overheating motor protected



Maintenance free



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Instrument Type	VACUU-COT20	VACUU-CDT20	VACUU-COT30	VACUU-CDT30	VACUU-CDT60
Prices	480	550	480	595	1.450
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)	100 mbar abs	100 mbar abs	100 mbar abs	50 mbar abs	80 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
Pressure	≥30Psi				
Inlet (mm)	φ6				
Outlet (mm)	φ6				
Temperature of working environment (°C)	7-40				
Pump Head	Single	Double	Single	Double	Double
Function	Vacuum/Pressure	Vacuum/Pressure	Vacuum/Pressure	Vacuum/Pressure	Vacuum/Pressure
Max. Body Temperature	<55 °C				
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	<60
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 for gas regulation	Stainless steel corrosion resistant				
Diaphragm	NBR				
Voltage	220V/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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VACUU-OVP Rotary Oil Vacuum Pump

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VACUU-OPV Rotary vacuum pump series adopt the Technology Vacuum pump are basic equipment used for pumping air from sealed vessels to attain vacuum condition. The pumps may be applied single, or as the forestage pump of other kinds of pumps, such as booster pump, diffusion pump, molecular pump and titanium pump.

The pumps also can be used in Making electrical Vacuum cases, vacuum jointing, printing, plastics forming, fitting refrigeration equipment and laboratory.

- Compact construction, light weight, low noise, high vacuum.
- With Silencer device.
- The mounting of the gas ballast valve allow the pump to pump certain amount of water vapor.
- Easy to restart because of the mounting of an oil anti-suck back device.
- Capture oil vapor in outlet to avoid environment pollution.



Low Noise



High Vacuum



Direct Drive Rotary Vane



Oil Lubricated and Air Cooled



Aggressive resistant

Suitable for highly aggressive or corrosive gases and vapor (series COT and CDT)

Pump Type	VACUU-OVP1	VACUU-OVP2	VACUU-OVP4
Price	195	395	592
Function	Vacuum		
Speed of evacuation L/min	0,25	2	20
Number of head	1		
Ultimate Vacuum mbar (abs)	$\leq 6 \times 10^{-1}$	$\leq 6 \times 10^{-2}$	
Motor power (W)	120	370	550
Speed (RPM)	1400		
Inlet port	6.5/10	6.5/13	
Temperature of working environment (°C)	10-40		
Oil Capacity (L)	0,3	0,48	0,55
Noise	<60		
Weight Kg	7,8	25	27
Max. Oil Temperature Rise	≥40		
Dimensions (L*W*H) (mm)	268×112×208mm	440 × 140 × 240	565*168*282
Noise level (DB)	<45	<50	<60
Weight (kg)	6.2 Kg	9 Kg	10 Kg
Gross weight	7.5 Kg	10 kg	11 Kg

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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