

Chemical Resistant Vacuum Pump

Features

High chemical resistant

All wetted parts of Chemker series pump are made of PTFE material which can resist most of corrosive gases.

No air pollution, maintenance free

Chemker series pumps are driven by Diaphragm, without the need of lubricant, regular oil changes and maintenance; with no oil pollution.

Quiet and low vibration

Driven direct by motor with no additional belt-driven transmission; the quality vibration-proof assembly makes Chemker series run at the lowest noise level among all other equivalent pumps.

Thermal protection device

Every motor of Chemker series pumps has a built-in thermal protection device to shut off the pump automatically when overheated and then resume working when the temperature cools down.

International safety certification

CE certification

Applications

- Vacuum filtration
- Gel electrophoresis
- Solid-Phase Extraction (SPE)
- Solvent purification

Ordering Information

169300-11(22)

Chemker 300, Vacuum Pump
AC110V, 60Hz (AC220V, 50Hz)

169400-11(22)

Chemker 400, Vacuum Pump
AC110V, 60Hz (AC220V, 50Hz)



Specification

Model	Chemker 300		Chemker 400	
Voltage	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Max. power (W)	70	60	90	90
Max. current (A)	0.8	0.32	1.1	0.5
Max. vacuum	- 670 mmHg		- 670 mmHg	
Max. flow rate	20 l/min	18 l/min	38 l/min	33 l/min
Motor rotation	1700 RPM	1450 RPM	1700 RPM	1450 RPM
Horse power	1/8 HP		1/6 HP	
Noise level	50 dB		50 dB	
Hose barb	5/16 inch (8 mm)		5/16 inch (8 mm)	
Net weight	5.0 Kg		7.0 Kg	
Dimension (LxWxH)	20.3x11.2x20.9 cm		26.7x11.2x18.1 cm	

PS: 1 mmHg \approx 0.1333 kPa \approx 1.333 mbar , 1 l/min \approx 0.035CFM