

# 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	
	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
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