

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)
- Rotary evaporator
- Solvent purification

Ordering Information

169410-11(22)

Chemker 410, Vacuum Pump
AC110V, 60Hz (AC220V, 50Hz)

169411-11(22)

Chemker 411, Vacuum Pump
AC110V, 60Hz (AC220V, 50Hz)



Chemker 410



Chemker 411

* Glass Moisture Trap / Vacuum Regulator doesn't include filter cartridge

Specification

Model	Chemker 410		Chemker 411	
	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Voltage	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Max. power (W)	90	90	90	90
Max. current (A)	1.2	0.5	1.2	0.5
Max. vacuum	- 750 mmHg		- 750 mmHg	
Max. flow rate	20 l/min	18 l/min	20 l/min	18 l/min
Motor rotation	1700 RPM	1450 RPM	1700 RPM	1450 RPM
Horse power	1/6 HP		1/6 HP	
Noise level	50 dB		50 dB	
Hose barb	5/16 inch (8 mm)		5/16 inch (8 mm)	
Net weight	7.0 Kg		7.4 Kg	
Dimension (LxWxH)	26.2x14.8x18.2 cm		26.2x23.6x19.3 cm	
Glass vapor trap	—		Yes	
Glass Vapor Trap / Vacuum Regulator	—		Yes	

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