

# Chemical Resistant Vacuum Pump



## Features

### ► Superior chemical resistance

All wetted parts of Chemker pumps are made of PTFE and FFKM material, making them resistant to most of corrosive gases.

### ► Oil-free & care-free

Chemker pumps are driven by diaphragm that needs no lubricant, making them maintenance-free and oil-mist-free.

### ► Quieter & more stable

Motor-driven transmission and vibration-proof assembly, making Chemker pumps much quieter and more stable.

### ► Overheat protection

All Chemker pumps are equipped with overheat protection device that shuts down when overheated and resumes once cooled down, making the pumps safer and long-lasting.

### ► International certification

CE certification  
RoHS certification

### ► Two-Year Warranty



**Chemker 300**



**Chemker 400**

## Applications

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

## Ordering Information

### 169300-11(22)

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

### 169400-11(22)

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

## Specification

| Model             | Chemker 300         |                | Chemker 400         |                |
|-------------------|---------------------|----------------|---------------------|----------------|
| PERFORMANCE DATA  |                     |                |                     |                |
| Max. vacuum       | 99 mbar abs.        |                | 99 mbar abs.        |                |
| Max. flow rate    | 20 L/min @60Hz      | 18 L/min @50Hz | 38 L/min @60Hz      | 33 L/min @50Hz |
| Hose barb         | ID8                 |                | ID8                 |                |
| Noise level       | 50 dB               |                | 52 dB               |                |
| Net weight        | 5.0 Kg              |                | 7.0 Kg              |                |
| Dimension (LxWxH) | 20 x 11 x 21 cm     |                | 27 x 11 x 18 cm     |                |
| ELECTRICAL DATA   |                     |                |                     |                |
| Voltage           | 110V                | 220V           | 110V                | 220V           |
| Frequency         | 50 / 60Hz           |                | 50 / 60Hz           |                |
| Max. power        | 70W (1/8 HP)        | 60W (1/8 HP)   | 90W (1/6 HP)        | 90W (1/6 HP)   |
| Max. current      | 0.8A                | 0.4A           | 1.1A                | 0.5A           |
| Safety            | Overheat Protection |                | Overheat Protection |                |
| OTHER DATA        |                     |                |                     |                |
| Equipped with     | -                   |                | -                   |                |