

# 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.

### ► Start against vacuum

Chemker 600 series pumps, designed to start against vacuum, are ideal for various kinds of laboratory instruments which need to stop and restart pump repeatedly during operating process.

### ► Vacuum regulation

Chemker 611 is equipped with vacuum regulator and moisture trap for vacuum adjustment and condensation collection to enhance pump durability.

### ► 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

## Applications

- Rotary evaporation
- Vacuum concentration and distillation
- Vacuum drying / oven / defoaming
- Solvent purification
- Vacuum filtration

## Ordering Information

### 169610-11(22)

Chemker 610,  
Chemical Resistant Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)

### 169611-11(22)

Chemker 611,  
Chemical Resistant Vacuum Pump  
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**Chemker 610**



**Chemker 611**

## Specification

| Model             | Chemker 610         |                | Chemker 611                             |                |
|-------------------|---------------------|----------------|-----------------------------------------|----------------|
| PERFORMANCE DATA  |                     |                |                                         |                |
| Max. vacuum       | 7 mbar abs.         |                | 7 mbar abs.                             |                |
| Max. flow rate    | 34 L/min @60Hz      | 30 L/min @50Hz | 34 L/min @60Hz                          | 30 L/min @50Hz |
| Hose barb         | ID10                |                | ID10                                    |                |
| Noise level       | 60 dB               |                | 60 dB                                   |                |
| Net weight        | 13.3 Kg             |                | 13.7 Kg                                 |                |
| Dimension (LxWxH) | 35 x 16 x 23 cm     |                | 35 x 20 x 24 cm                         |                |
| ELECTRICAL DATA   |                     |                |                                         |                |
| Voltage           | 110V                | 220V           | 110V                                    | 220V           |
| Frequency         | 50 / 60Hz           |                | 50 / 60Hz                               |                |
| Max. power        | 220W (1/3 HP)       | 200W (1/3 HP)  | 220W (1/3 HP)                           | 200W (1/3 HP)  |
| Max. current      | 2.0A                | 1.2A           | 2.0A                                    | 1.2A           |
| Safety            | Overheat Protection |                | Overheat Protection                     |                |
| OTHER DATA        |                     |                |                                         |                |
| Equipped with     | -                   |                | Glass moisture trap<br>Vacuum regulator |                |