

# Vacuum Controller



## Features

### ► Auto evaporation mode

Pilot 100 detects the vapor pressure and keep vacuum at optimal level to avoid bumping. Feel free to start and leave.

### ► Graphical user interface

Processes of Pilot 100 can be defined via its user-friendly GUI. With intuitive drop-down lists and modules up to 10 steps, it provides user full flexibility of control.

### ► High compatibility

Pilot 100 Vacuum Controller can be installed with most of vacuum sources including diaphragm pumps, piston pumps, rotary vane pumps, etc.

### ► Touch panel

Touch panel of Pilot 100 reads the taps underneath thick lab gloves, making the control easy and convenient.

### ► Detachable & remote control

Control panel of Pilot 100 is detachable from its magnetic mount base, and can be remotely controlled.

### ► International certification

CE certification  
IP 42 protection (front)  
RoHS certification

### ► One-Year Warranty

## Applications

- Laboratory vacuum control
- Rotary evaporation
- Vacuum concentration and distillation

## Ordering Information

### 183100-01(02)

Pilot 100, Vacuum Controller with AC100-240V adaptor, US plug (EU plug)

### 169410-11(22)

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

### 169610-11(22)

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



## Specification

Model	Pilot 100
<b>PERFORMANCE DATA</b>	
Measuring range	1100 ~ 0 mbar abs.
Measurement accuracy	± 2 mbar (after adjustment, constant temp.)
Setting range	1013 ~ 0 mbar
Resolution	1 digit
Pressure display	mbar, hPa, torr
Hose barb	ID8 ~ ID10
Net weight	2.2 Kg
Dimension (LxWxH)	21 x 20 x 18 cm
<b>ELECTRICAL DATA</b>	
Power input	DC24V, 1.0A
Max. power	15W
Safety	Overpressure Protection, Error Message