

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
PERFORMANCE DATA	
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
ELECTRICAL DATA	
Power input	DC24V, 1.0A
Max. power	15W
Safety	Overpressure Protection, Error Message