

Auto Vacuum System



WATCH VIDEO

Features

► BLDC motor-driven

DC Chem 610 Pro is driven by brushless DC motor that consumes 40% or less power and contributes to less wear and tear.

► Precise & zero lag

DC Chem 610 Pro performs more precise and stabler vacuum control as compared to general solenoid valve controllers by direct controlling motor rotation.

► Self-cleaning mechanism

DC Chem 610 Pro draws and bypasses clean air automatically to evacuate remaining moisture and gas every time after use without detaching any connected equipment. Making the maintenance easy and effortless.

► Auto evaporation mode

DC Chem 610 Pro detects the vapor pressure and keep vacuum at optimal level to avoid bumping. Feel free to start and leave.

► Detachable & remote control

Control panel of DC Chem 610 Pro 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

182610-01(02)-P

DC Chem 610 Pro, Auto Vacuum System,
AC100-240V, 50/60Hz, US plug (EU plug)

182610-50

Glass flask set for DC Chem 610 Pro

182610-51-P

Emission condenser for DC Chem 610 Pro



DC Chem 610 Pro

Specification

Model	DC Chem 610 Pro
PERFORMANCE DATA	
Max. vacuum	7 mbar abs.
Max. flow rate	37 L/min
Measuring range	1100 ~ 0 mbar abs.
Measurement accuracy	± 2 mbar (after adjustment, constant temp.)
Setting range	1013 ~ 0 mbar
Motor speed	1 ~ 100%, adjustable
Resolution	1 digit
Pressure display	mbar, hPa, torr
Hose barb	ID10
Noise level	50 dB
Net weight	15.0 Kg
Dimension (LxWxH)	44 x 38 x 25 cm
ELECTRICAL DATA	
Voltage	100-240V
Frequency	50 / 60Hz
Max. power	120W (1/6 HP)
Motor	Brushless DC Motor (BLDC)
Safety	Fuse, Error Message
OTHER DATA	
Equipped with	Glass moisture trap

Auto Vacuum System



Detachable & remote control

Detachable remote control panel with magnetic mount base.



Auto evaporation mode

Avoid bumping and keep optimal vacuum level. Feel free to start and leave.



GUI & flex in control

Intuitive and modularized settings, set up to 10 steps per program.



Consume less, save more

BLDC motor consumes 40% less power.
Saves more environmentally and economically.



Precise & zero lag

Direct RPM control leads to instant and precise reaction.



Leave your gloves on

The 7" panel reads the taps underneath thick lab gloves.

