

Vacuum Controller

The VC-50 vacuum controller is based on vacuum applications and provides solutions for all vacuum processes, suitable for various industries such as chemical, pharmaceutical, petrochemical and material industries.

Covers all common vacuum processes

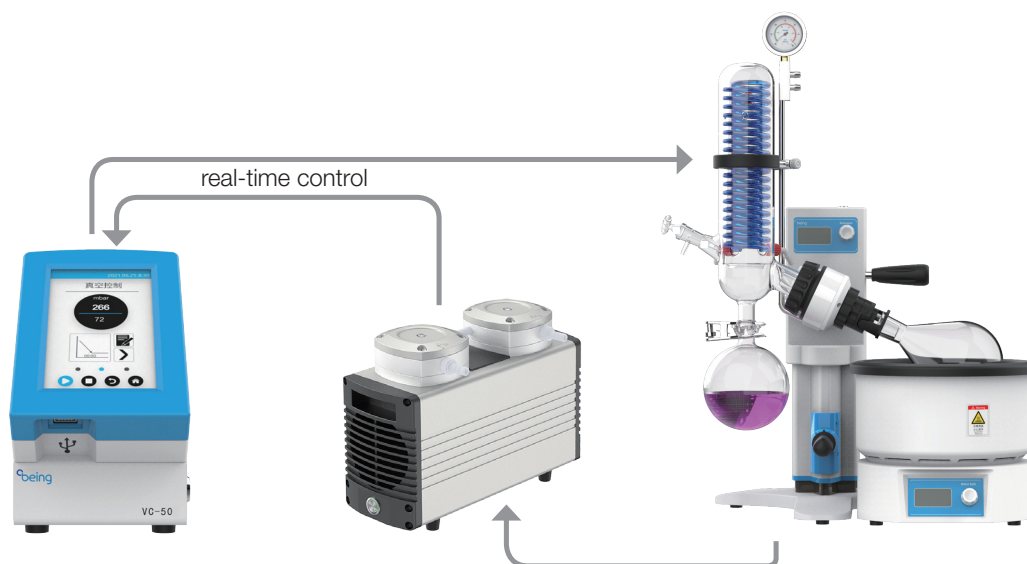
- The VC-50 vacuum controller can be used not only with V series corrosion resistant diaphragm pumps, but also in laboratory vacuum systems for all applications.

Chemical resistant

- Like the V series corrosion resistant diaphragm pumps, the VC-50 vacuum controller is made of PTFE and the electrical switch housing is corrosion resistant, making it perfectly suited for corrosive environments.

Advantages

- Precise control of the vacuum level, ensuring long-term stable operation of the vacuum system.
- Significantly shortens the experimental time and ensures efficient operation of the sample in a weak boiling state.
- Automated process operation, end of set-up, no guarding.
- Reduction of sample foaming and boiling, reducing the risk of sample loss.
- The ability to detect the initial boiling point of an unknown solvent, control and maintain of a stable pressure.



Specification

Model	VC-50
Control range	0 - 760mm Hg (Torr), 0 - 1013 hPa (Mbar)
Measuring principle	Ceramic diaphragm (alumina), capacitive, gas type independent, absolute pressure
Measuring range	0 - 800mm Hg (Torr), 0 - 1066 hPa (Mbar)
Control mode	Fixed value automatic control, preset program automatic control (Solenoid valve switch)
Screen display	LCD
Steam measurement range	-20 - 150°C (Steam temperature sensor connected)
Vacuum connector	8mm PTFE joint
Ambient temperature (operating)	10 - 40°C
Shell material	Chemical corrosion-resistant plastic housing
Dimension (L×W×H)	190×105×180mm