

## Vacuum Controller

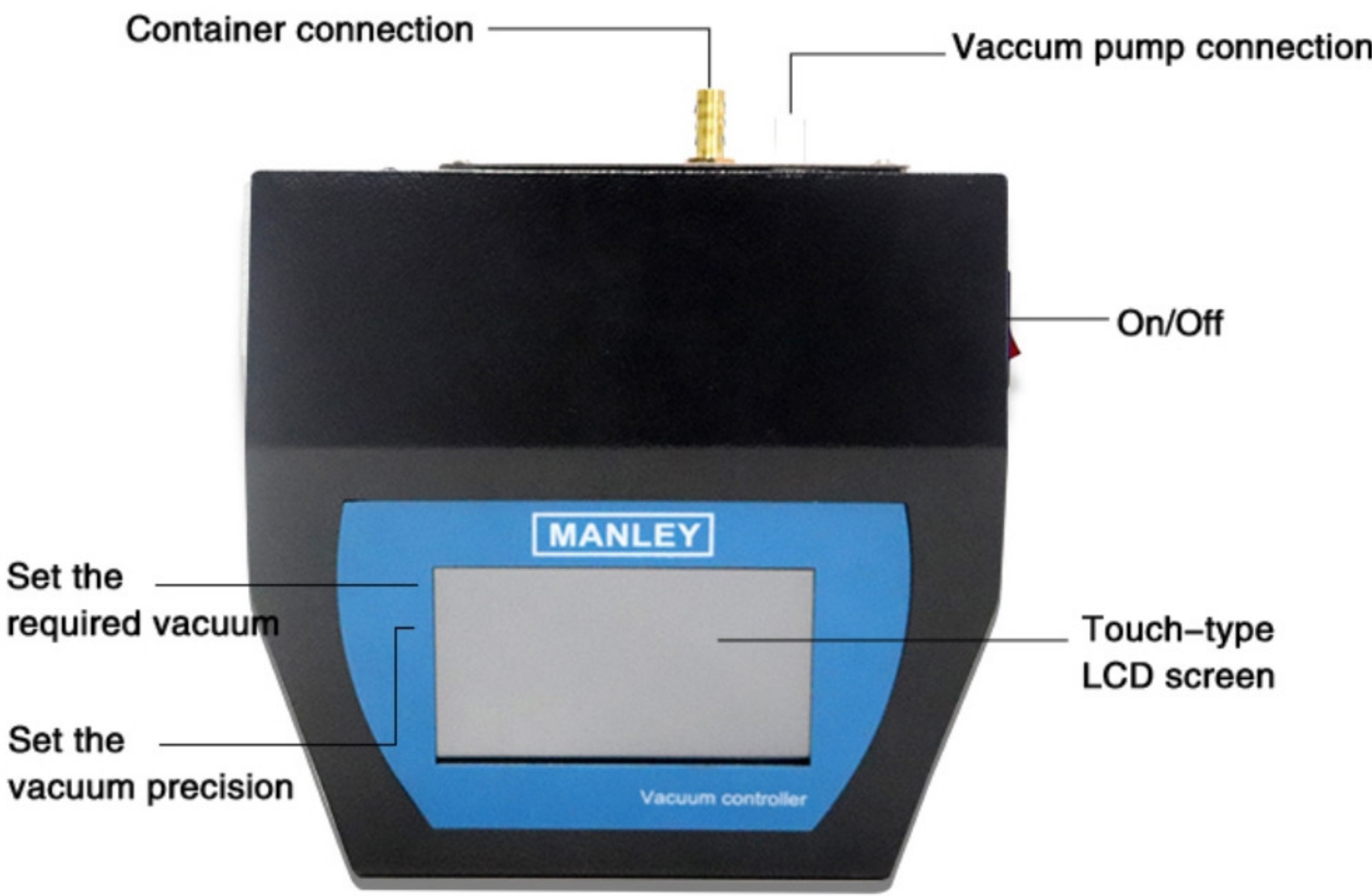
### Effective / Accurate / Automatical / Real-time

An imported anti-corrosion pressure sensor  
and a high-sensitivity solenoid valve for high-precision control of the vacuum.



- High Control Precision
- Touch-type LCD screen
- Real-time Control
- Broadly Suitable

## PRODUCT INTRODUCTION



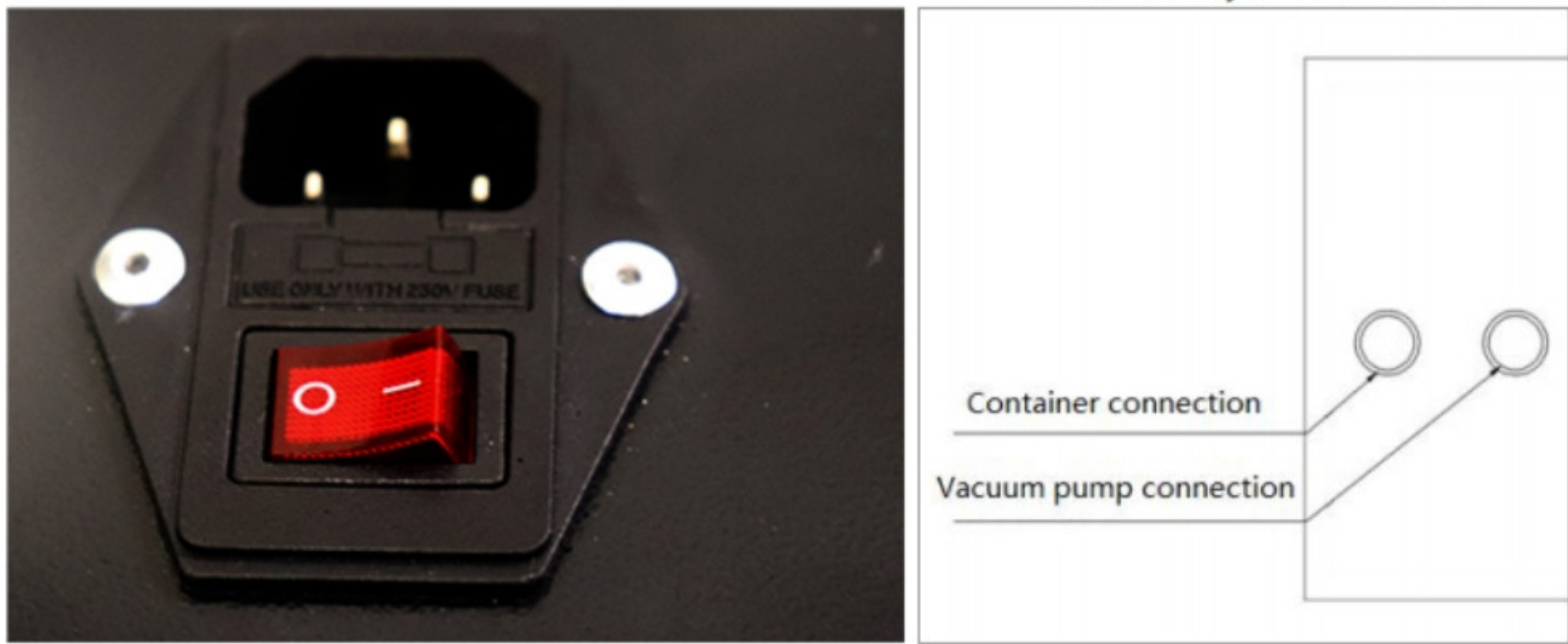
## Product Introduction

VC-4000/5000 vacuum degree controller is a high precision vacuum controller developed by our company. The instrument uses an imported anti-corrosion pressure sensor and a high-sensitivity solenoid valve for high-precision control of the vacuum. It can be equipped with rotary evaporator, rectification, reaction kettle, etc. of various manufacturers for the concentration of vacuum and equipment for vacuum control. When the vacuum is not suitable, the reagent will suddenly boil and bump. By using this fully automatic vacuum controller, it can be connected in series with the rotary evaporator to obtain the ideal vacuum inside the rotary evaporator. Especially for the concentration of volatile reagents, the most optimal recovery rate can be obtained.



## Features

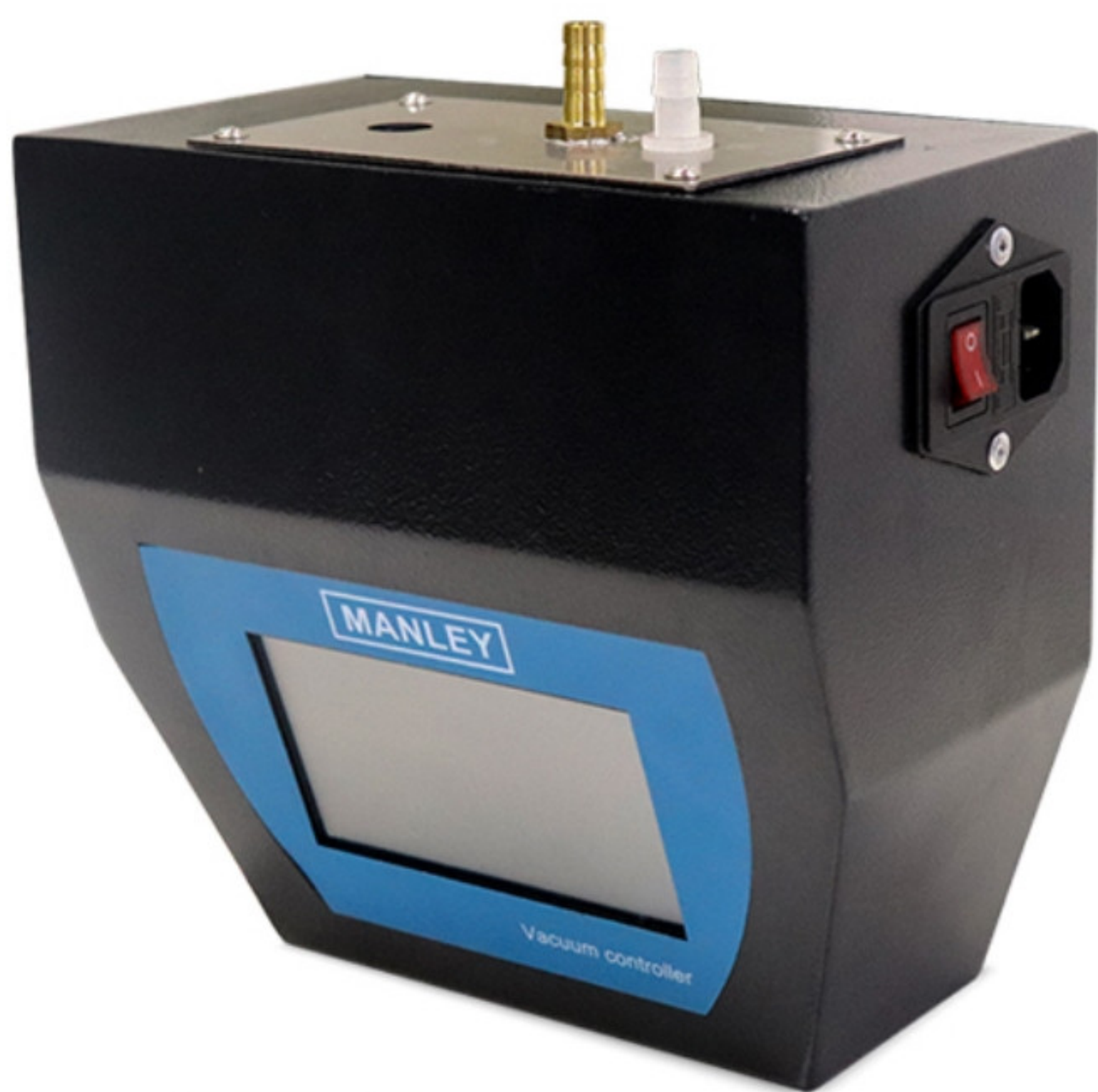
- 1.All key components are imported, with high control precision and corrosion resistance, and the valve life can reach millions of times.
- 2.The large touch-type color LCD screen can display the detected and set vacuum degree, and can also adjust the vacuum degree directly on the LCD screen.
- 3.The vacuum controller can effectively and automatically control the vacuum degree inside the container for the set vacuum degree, and it is the only controller in domestic and abroad that can control and adjust the vacuum degree in real time. Control accuracy is up to 1 mbar (100PA), 1~10 mbar freely adjustable Thereby, recovery rates of low boiling point reagents such as methyldene chloride, benzene, trichloroethane, and ethanol can be increased, and an inert gas interface can be disposed, and replacement of the inert gas can also be performed. The inside is not oxidized and contaminated when concentrated under reduced pressure.The vacuum controller VC-4000 with excellent control vacuum is designed to be connected with the rotary evaporator, which can effectively and accurately control the internal vacuum of the rotary evaporator, so that the vacuum inside the container can reach the vacuum required by the user and automatically maintain the set vacuum degree.Thereby, recovery rates of low boiling point reagents such as methyldene chloride, benzene, trichloroethane, and ethanol can be increased, and an inert gas interface can be disposed, and replacement of the inert gas can also be performed. The inside is not oxidized and contaminated when concentrated under reduced pressure.



## Technical Data

Providing you with the perfect scientific instrument  
Cryogenic refrigeration technology solutions

model		VC-50L
Performance	Standard control	5~1000hPa/mbar(fixed value control)
	Control mode	Control vacuum automatically
	Control precision	1~30mbar(Freely adjustable)
	Display item	LCD touch screen; Display pressure measurement value, Pressure setting value
Function	Release the vacuum	One button release vacuum
	Pressure sensor	European and American imports Compressive and corrosion resistant semiconductor pressure probe
Structure	Electromagnetic valve	Imports from Japan
	Interface caliber	Φ10mm Acid and alkali resistant
	Application	10~50L Vacuum distillation equipment
	Voltage	220V, 110
Machine Dimension(mm)		140*160*60



## Multi-user high efficiency system

Provide you with experiment solution  
asy-to-use and convenient to operation  
Perfect security

### Classic combination

#### VC-50L

- All key components are imported, with high control precision and corrosion resistance, and the valve life can reach millions of times.

### Quality selection

#### VC-50L

- The vacuum controller can effectively and automatically control the vacuum degree inside the container for the set vacuum degree. Control accuracy is up to 1 mbar , 1~10 mbar freely adjustable.

### Accurate Recommendation

#### VC-50L

- The large touch-type color LCD screen can display the detected and set vacuum degree, and can also adjust the vacuum degree directly on the LCD screen.

## PARTNER



## SAFE PACKING



## TWO-SIDED ENTRY TRAY

Higher Load bearing, better  
firmness and  
Stronger Safety Performance

