

2.1 Scope of application

- The product is intended to control the vacuum level of the vacuum system with the gas as medium in the environments like school, laboratory and factory. An environment where the product works should meet the following requirements.
- Ensure that the voltage fluctuation does not exceed normal value by $\pm 10\%$.
- Ensure to place the instrument at 30cm away from the wall and atleast 10cms away from any other instruments.
- The product is not intended for use in residential areas.

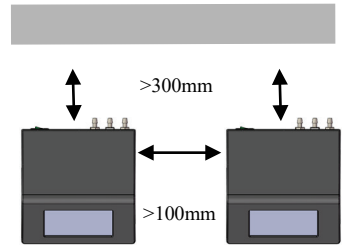


Fig. 2.1

2.2 Technical parameters

Setting range of vacuum	1-1000mbar
Determination range of vacuum degree	1-1000mbar
Control operation mode	Single-point control operation mode, program operation mode
Control program	Can save up to 5 programs. Each program contains five-step control (vacuum degree and timing can be set).
Setting mode	Touch screen setting
Display screen	5-inch TFT
Sensor overload pressure	1500mbar
Connecting tube interface diameter	6.2mm
Materials in contact with steam	PTFE, PP, silica gel and ceramics

Steam temperature	5°C-40°C
External dimension WxDxH	189mm×207mm×193mm
Weight	4.0kg
Input power supply	AC110—240V, 50Hz/60Hz
Working temperature	10°C-40°C, ≤80%RH
Input power	600W
Maximum output power	500W (220V), 300W(110V)

2.3 Components

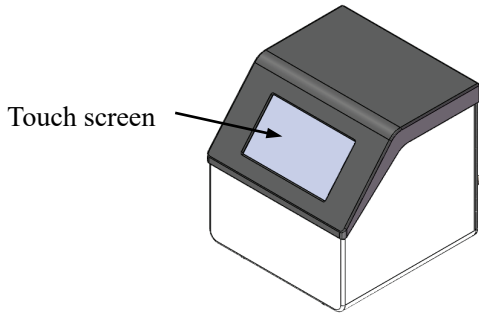


Fig. 2.3.1

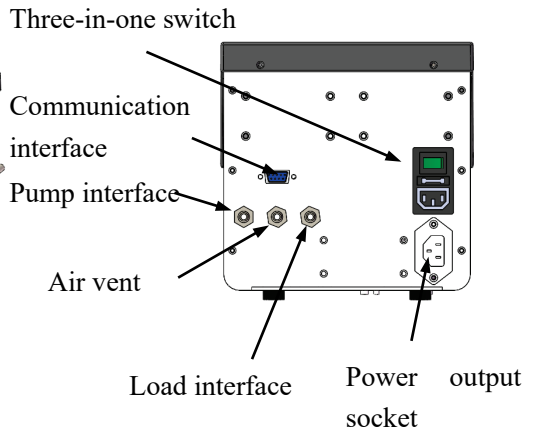


Fig. 2.3.2

Name	Description
Touch screen	Setting parameters and displaying settings and operation information
Three-in-one switch	Unit power input, with a switch controlling the power supply to the entire unit.
Communication interface	Communication
Pump interface	Connects the vacuum pump