

VD series Vacuum Drying Oven

DRYING OVEN

LABORATORY INCUBATOR

MUFFLE FURNACE

WATER DISTILLER

WATER BATH & OIL BATH

HEATING MANTLE

STIRRER

MIXER & SHAKER

HEATING PLATE & SAND BATH

DIGESTION APPARATUS & METAL BATH

NITROGEN SAMPLE CONCENTRATOR

CLEAN BENCH

STERILIZER

VACUUM PUMP

FILTRATION

GRINDER

COLONY COUNTER

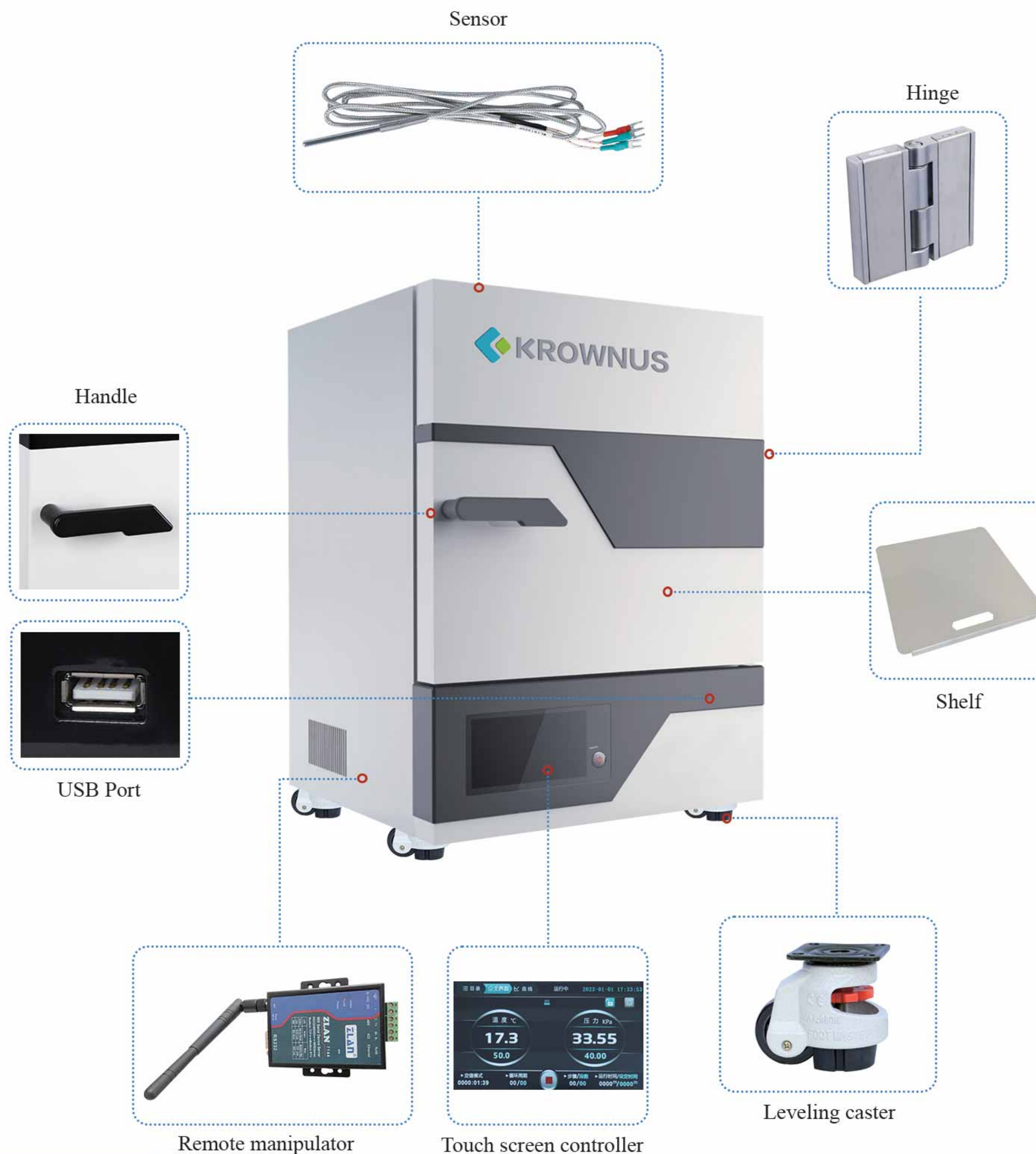
DRYER

CENTRIFUGE

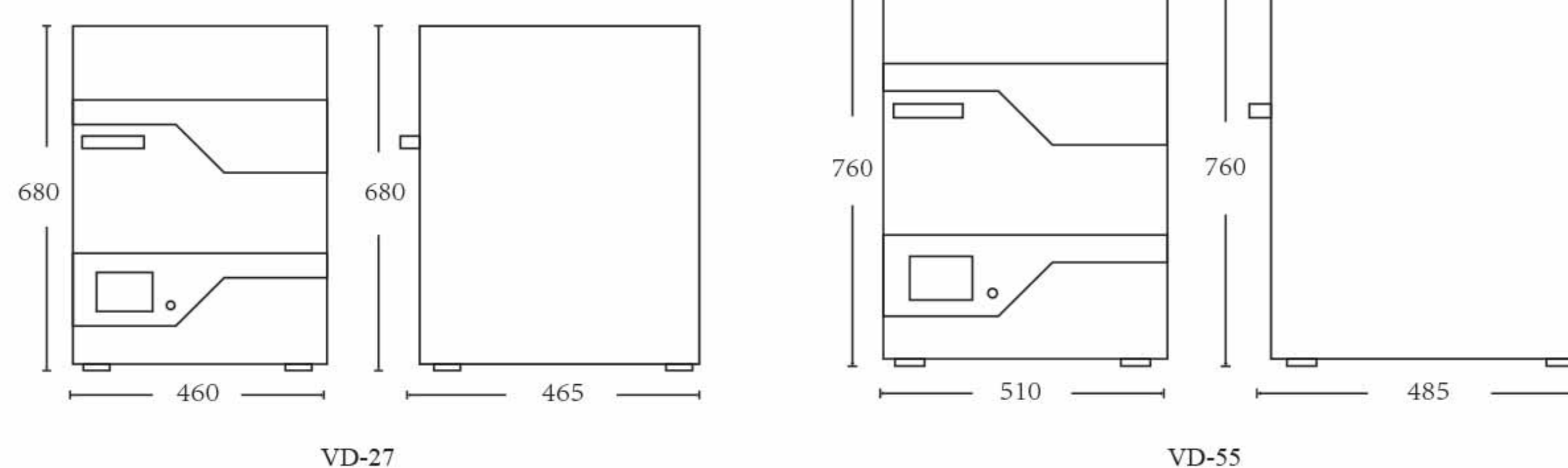
ELECTRIC FURNACE

LIFTING TABLE

LABORATORY CONSUMABLE



Dimension(mm)



This VD series of vacuum drying oven is widely used in biochemistry, chemical and pharmaceutical, agricultural research, environmental protection lamp research and application fields, for powder drying, baking and disinfection and sterilization of all kinds of glass containers, especially suitable for drying heat sensitive, easy to decompose, easy to oxidize substances and complex ingredients for efficient drying treatment.



Biochemistry



Chemical Pharmaceutical



Health Institutions



Agriculture



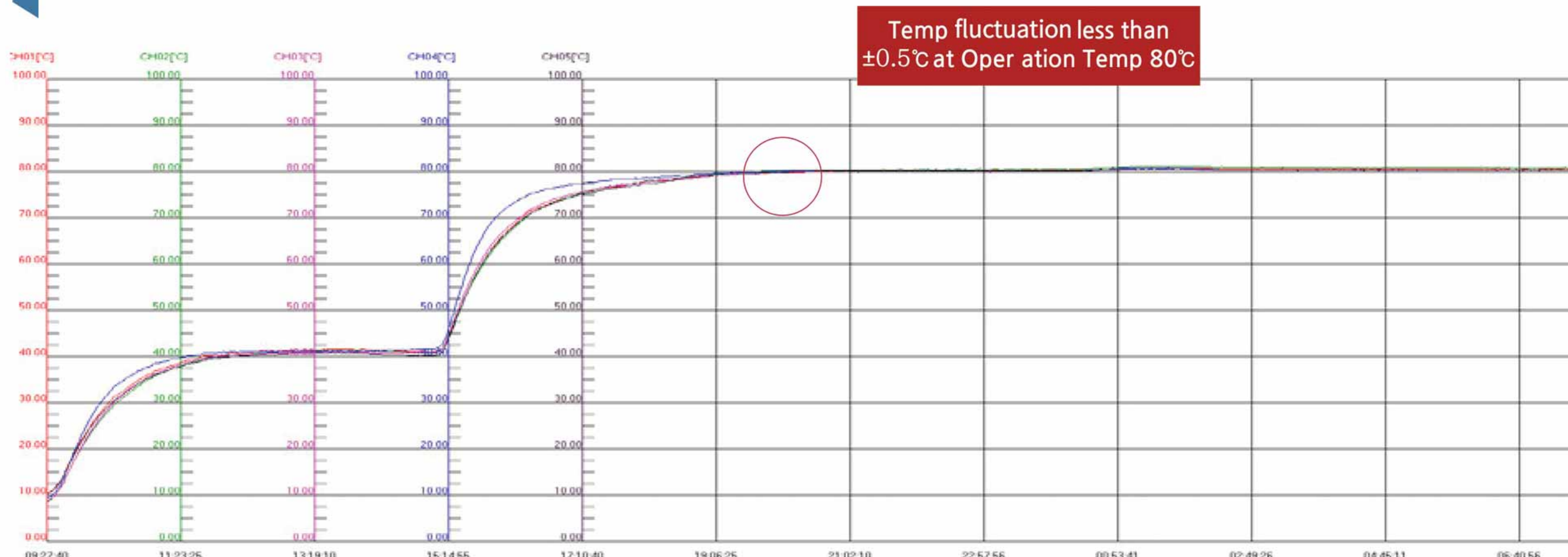
Environmental protection



Laboratory

DRYING OVEN

Temperature Fluctuation Sheet:



Summary of use:

This VD series of vacuum drying oven is added on the basis of high temperature drying oven. The upper vacuum condition greatly reduces the boiling point and steam pressure, providing a dust-free drying process for the test and heating process. In addition, storage, heating, testing and drying are carried out in an environment without oxygen or full of inert gases, so the test sample is not prone to oxidation.

Characteristics:

- The SS inner chamber adopts the one-second forming technology
- Microprocessor control system
- LCD digital liquid crystal display
- Touch setting mode
- Temperature control accuracy: 0.1 °C
- Temperature fluctuation :≤ 0.5°C
- Independent temperature protection system
- Timing function: switching on, off and heating
- Timing range 1 minute to 9999 hours
- Silicone seal
- It can be filled with inert gas

Major Technical Parameters:

Model	VD-27	VD-55
Temp. Range	RT+10-200°C	
Temp. Accuracy	0.1°C	
Temp. Fluctuation	±0.5°C	
Temp. Uniformity	±2.5%	
Inner Chamber	Mirror stainless steel	
Outer Shell	Cold rolling steel with Powder Heating Coated	
Insulation layer	High quality rock wool board	
Heater	Stainless steel heating pipe	
Voltage	AC100-240V 50Hz	
Heating Power	500w	1500w
Temp. Controller Mode	Microprocessor PID controller	
Temp. Setting Mode	Touch screen	
Timer	0-9999min	
Operation Function	Auto tuning function, Offset value setting, Timing function	
Specification	LCD programmable touch screen controller, Independent temperature limiter, Programmable timer, USB port	
Sensor	PT100	
Safety Device	Independent temperature limiter, Independent timer: Automatic power on and power off	
IP Grade	IP20	
Seal material	Silicon Rubber	
Size of inner chamber (W*D*H)(mm)	300*300*300	350*420*380
Capacity	27L	55L
Standard quantity of heating shelf	1	2
Shelf load	10	20
Optional	485 port, Printer port	

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