

Horizontal Autoclave with Automatic Drying Function

Vertical Sliding Door

HRG-112/140

Vertical Sliding System



Manually-operated Vertical Sliding Door. The door can be raised and lowered lightly.



HRG-112



Products shown in this brochure are manufactured by the company, ISO 9001 / 13485 / 14001 certified.

**STERILIZING
SIMPLY AND WELL**

HIRAYAMA

Horizontal Autoclave with Vertical Sliding Door

Effective Chamber Capacity of 112 LTR / 140 LTR
Sliding Tray convenient for easy loading of the objects,
Drying Function is also available.

Vertical Sliding Door

The vertical sliding door is employed for opening and closing of the door. (manual operation). Open-close movement is smooth, and you feel safe due to an automatic locking device. Anyone can operate the door easily, certainly and safely.



Convenient Sliding Tray

The sliding tray which is convenient for taking a load in and out is equipped. Since you can easily set a load close at hand, the work can be performed safely without putting in a hand to the back of the chamber when the sterilization has been completed. In addition, since the sliding tray can be removed, cleaning the inside of the chamber is very easy. Our purpose is the improvement of the safety and the workability.



Interlock System

This equipment is a safety design. The door is locked by detecting the pressure, temperature and water level inside the chamber, when the equipment has been interrupted, or, needless to say, when it is under sterilization operation.

The drying function has been improved.

Drying capacity has been further improved by the new drying method which employed the high capacity vacuum pump. Moreover, an additional drying stage is also available. The additional drying stage can be set up easily with the operation panel.

The installation space can be used effectively.

Compared with the conventional horizontal door opening and closing system, the vertical sliding system can reduce the required operation space. So, even if the space is limited, it is possible to use it effectively.

Option



■ Stainless steel square wire basket

HRG-112
390W×280D×240Hmm
HRG-140
490W×280D×240Hmm



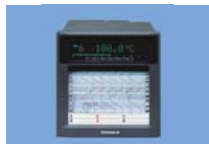
■ Stainless steel square bottomed basket

HRG-112
400W×290D×241Hmm
HRG-140
500W×290D×241Hmm



■ Stainless steel dressing drum

270 φ × 220Hmm
(inside 260 φ × 180Hmm)



■ Recorder

High speed 6 dot-printing recorder,
Measuring point : 6,
Measuring cycle : 10 seconds, With 1 set of temperature sensor.



■ Floating sensor (Pt100 Ω)

Activated by the temperature of the objects.



■ Digital printer

Normal Paper type.

Large-sized Operation Panel

The large-sized operation panel is newly employed. The proceeding state can be checked at one glance, and the stage or the selected cycle by the load is displayed with lamps on the operation panel.

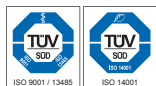


Specifications

Model	HRG-112	HRG-140
Outside dimension	691Wx1048Dx1374Hmm	691Wx1248Dx1374Hmm
Chamber size	420Φx810Dmm	420Φx1010Dmm
Chamber volume	125 liter	152.6 liter
Effective volume	112 liter	140 liter
Net Weight	213 kg	229 kg
Power source	AC220 / 230 / 240V, 50 / 60Hz, Single phase (Please specify when ordering)	
Type of vessel	Small size pressure vessel	
Chamber material	Stainless steel SUS304	
Working temperature range	105°C ~ 135°C (Variable)	
Sterilization time	1~60min.(Remaining time display)	
Drying time	1~99min.(Remaining time display)	
Selectable cycle	4 cycles (cloth, solid, liquid, additional dry), 3 memory patterns	
Safety valve working pressure	0.26MPa	
Thermometer	5~137°C, Resolution 0.1, Digital	
Compound gauge	-0.1~0.4MPa	
Drying method	By vacuum pump and heater	
Safety devices and Error display	Pressure safety valve, Leakage breakers, Over-heat prevention device Error display for ; Over-heat, Over-pressure, Door trouble, Heater trouble, Water supply or drainage trouble, Vacuum pump trouble	
Type of a power cord	Solderless ring terminal (Without a plug)	

※When this autoclave is used in a place which is 800m or higher than sea level (low-pressure condition in a mountainous area), please be sure to inform us when ordering.

Specifications and appearance are subject to change without notice due to continuous product improvement.



Manufactured under
ISO 9001 / 13485 / 14001

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