Haier Biomedical
Intelligent Protection of Life Science

# Vertical Autoclave




HRLM-110A

Anti-dry Burning Protection

Dual Cooling System

Linkage Door Lock System

## Scope of Application

Suitable for a wide range of applications used within laboratories, operating rooms, disease control centers and other biomedical/medical research areas. Intended for the sterilization of a wide range of liquids and solids such as glassware,rubber and other laboratory items.

## Innovative Design

- Multiple options
- Door pressure mechanical interlock
- Ten-model exhaust control technology

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## Product Advantages

### Dual cooling system

High density finned condenser and high air volume cooling fan are connected in series to provide two-stage cooling for the outdoor steam exhaust of sterilization, ensuring the condensation effect of the exhaust steam.

### Linkage door lock system

Pressing self-locking structure, safety electromagnetic lock, door pressure mechanical interlocking, locking in place before connecting to the power supply.

### Anti-dry burning protection

The use of floating balls and manual reset temperature controllers ensures sterilization safety and can extend the service life of the equipment.

### Ten-model exhaust control technology

Adopting PID control technology to achieve controllable cooling time and non boiling liquid, selecting a suitable exhaust mode scheme can save time and improve efficiency.

### Door pressure mechanical interlock

When there is pressure in the sterilization chamber, the mechanical interlocking device starts and the sealing door remains tightly closed.

### Multiple options

Optional IoT module, fast cooling module, 316 stainless steel sterilization chamber, stainless steel bucket, matrix printer, high-efficiency sterilization filter, and item temperature sensor.

## Experience Upgrade

### Drainage without exhaust



Dual cooling system and ten-model exhaust control technology ensures zero steam discharge during the entire process of program equipment operation, this is to ensure environmental cleanliness, and avoid aerosol generation and biological laboratory hazards.

### One-click start of sterilization

Standarding dressings, instruments, rubber, liquid one click start program.

### Humanized details



Ergonomic and anti-scald door handle



Mechanical safety valve



4-inch LCD display screen and touch buttons



Vaporous protection plate of door cover



Waterway and electrical circuit of correspond to independent access door

## Specifications

| Model | Power Supply (V/Hz) | Volume (L) | Power (W) | Exterior Dimension (W*D*H)(mm) | Sterilization Temperature Range(°C) | Temperature Control Precision(°C) |
|---|---|---|---|---|---|---|
| HRLM-110A | 380-50/60 | 110 | 7500 | 640*640*1030 | 105-136 | ± 0.1 |

| Liner Diameter (Diameter *Dmm) | Dynamic Pulse Exhaust Times | Sterilization time range | Chamber and door materials | Stainless Steel Lift Basket | Printer |
|---|---|---|---|---|---|
| φ450x727 | 0-99 (Settable) | 0-999 Min | SUS304 stainless steel | 2 | Optional |

*Haier Biomedical reserves the right to change products and specifications without prior notice.