



**HRTM-45**



Large Capacity Water  
Storage Tank



Optimized Total  
Operating time



High Efficiency  
Vacuum Pump

# Horizontal Bench-top Autoclaves

## Scope of Application

For medical, healthcare, scientific research and other related industries to disinfect medical devices, laboratory appliances and materials that may come into contact with blood or body fluids. Mainly used in ophthalmology, stomatology, beauty clinics, pet clinics, community service stations and other associated scenarios.

## Innovative Design

- High degree of security by extensive safety devices
- An LCD display and touch screen control are available
- A new innovative steam generator has been developed

**Qingdao Haier Biomedical Co.,Ltd.**

No.280 Feng Yuan Road, High-tech Zone,  
Qingdao, 266109, P.R. China  
E-mail: [inquiry@haierbiomedical.com](mailto:inquiry@haierbiomedical.com)  
Website: [www.haiermedical.com](http://www.haiermedical.com)



Haier Biomedical  
International



Haier Biomedical  
International



@haiermedicalint



Haier Biomedical  
International



Haier Biomedical  
International

**Product Advantages**



**Triple Protection of Temperature and Pressure Monitoring, Electronic Lock and Mechanical Safety Devices**

When the set pressure is exceeded, the safety valve opens automatically to release the pressure.



**High Degree of Security by Extensive Safety Devices**

Automatic over-temperature protection, over-current, over-voltage protection and leakage protection, anti-drying protection, sensor disconnection detection, door safety protection, and full protection thermal insulated door cover.



**Optimized Total Operating time**

A vacuum forced cooling system and under pressure blast drying system ensures rapid sterilization, greatly shortening the sterilization time, which improves the drying effect.



**7-inch Touchscreen**

7-inch touchscreen makes graphics and figures clear at a glance, easy to use.



**Optional-intelligent IoT Module to Enable the Mobile APP to Monitor the Running State of the Autoclave**



**New Technology**

Adopts a new generation steam generator to increase the saturation of the saturated steam which ensures thorough sterilization.

**Ergonomic Design**



**Programmable Mode**

The program can be edited to meet different requirements.



**New Steam Generator Technology**

An efficient steam generator with high heat exchange efficiency and large gas output has been developed to meet the requirements of rapid temperature rise and sterilization which ensures thorough sterilization of the equipment.



**High Efficiency Vacuum Pump**

The sterilization cycle is greatly shortened, and the sterilization and drying effects are improved.



**Large Capacity Water Storage Tank**

Open water storage tank, easy to clean. High water level display, low water level alarm, when the low water level alarm is activated, the water storage capacity will also meet the requirements of primary sterilization.



**Advanced Structure Design**

One-piece stretch liner with 304 stainless steel, without dead angles and is easy to clean.



**Specifications**



Model	HRTM-45
Design Pressure (Mpa)	0.28
Design Temperature(°C)	150
Rated Working Pressure (Mpa)	0.22
Sterilization Temperature Range (°C)	105-138
Temperature Control Precision (°C)	±0.1
Dynamic Pulse Exhaust Times	0-9
Sterilization Time Range (min)	0-999
Power Supply (V/Hz)	220-240~50/60
Power (W)	4100
Capacity (L)	45
Weight (KG)	110
Interior Dimension (mm)	φ316*615
Exterior Dimension (W*D*H) (mm)	640*840*575
Cabinet and Door Material	SUS304

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