



HRTM-18/23



Multiple safety
protections



Intelligent and
convenient operation



Efficient and
rapid sterilization

Horizontal Bench-top Autoclaves

Scope of Application

It's suitable for sterilizing exposed medical devices, conventional metal and glass packs, surgical gowns, dressing packs, cotton cloth, masks, etc. It's used by medical, health and scientific research units for sterilizing medical devices and materials that may contact blood or body fluids in places like stomatology, ophthalmology, operating rooms, beauty institutions, pet hospitals, tattoo stores and community service stations.

Innovative Design

- High security ensured by extensive safety devices.
- 4 Inch touch-button TFT screen, intuitive and easy to operate.
- Adopting a new type of steam generator, high-efficiency heat exchange provides saturated steam for rapid and efficient sterilization

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Product Advantages



Triple protection of temperature, pressure monitoring electronic lock, and mechanical safety device; automatically release pressure when overpressure and over-temperature



The innovative vacuum forced cooling system and negative pressure blower drying system rapidly complete sterilization, greatly shortening the sterilization time and improve the drying effect



Optional-Intelligent IoT



Eight Safety Protection

Over-temperature, over-pressure, leakage, over-current, anti-dry burning, door lock safety, sensor disconnection, door status protection



The status of each component on the touch screen is intuitively displayed, and the program process is monitored and displayed in real time for clear visibility

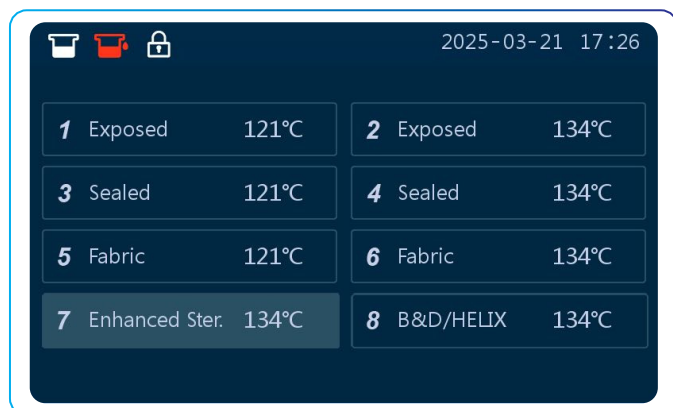


It occupies little space, is easy to install and can sterilize in a narrow space. The design is novel and won the German Industrial Design Award

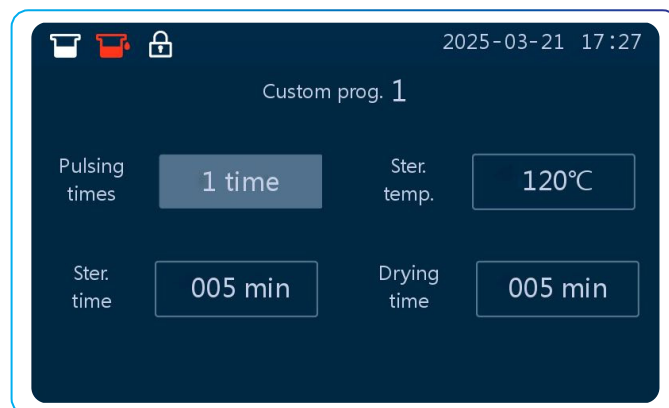
Ergonomic Design

Program programmable mode

Can be infinitely added to meet different needs.



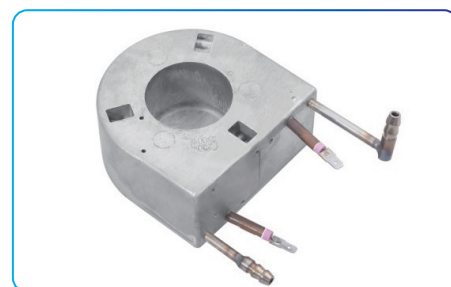
Custom addition of programs

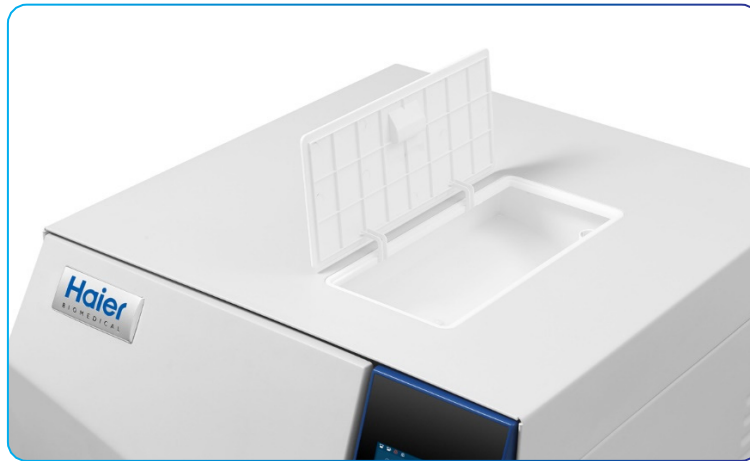


Program custom parameters

Adopting a new type of steam generator to improve the efficiency of saturated steam

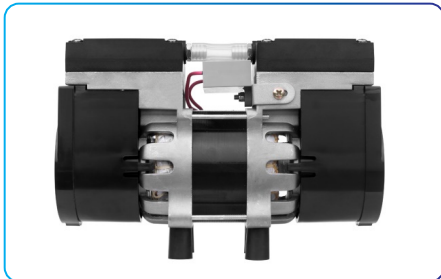
Adopting a highly efficient steam generator with high heat exchange efficiency and large gas production to meet the requirements of the sterilizer for rapid temperature rise and rapid sterilization.





Storage tank

- Open storage tank, easy to clean.
- High water level display, low water level alarm, and when the low water level alarm is triggered, it can meet one sterilization cycle.
- Direct discharge design, the sterilization water does not circulate to ensure the cleanliness of the load.



High-efficiency vacuum pump

Greatly shorten the sterilization cycle and improve the sterilization and drying effects.

New sterilization chamber structure

The sterilization chamber is integrally stretched and formed, without dead corners, easy to clean, and ensures a sterile environment.



Specifications



Model			HRTM-18	HRTM-23
Technical Data & Dimensions	Display		4 inch TFT screen	4 inch TFT screen
	Chamber Volume (L)	Capacity (L/Cu.Ft)	18/0.6	23/0.8
	Internal Dimensions (w*d*h)	mm	Φ247*350	Φ247*450
		in	Φ9.7*13.8	Φ9.7*17.7
	External Dimensions (w*d*h)	mm	490*600*455	490*690*455
		in	19.3*23.6*7.9	19.3*27.2*17.9
	Packing Dimensions (w*d*h) (With Packaging Bottom Support)	mm	590*680*620	590*760*620
		in	23.2*26.8*24.4	23.2*29.9*24.4
	Net/Gross Weight (approx)	kg	47/56	53/64
		lbs	103.6/123.5	116.8/141.1
Electrical Data	Container Load (20'/40'/40'H)		72/153/204	63/126/168
	Inner Material		304 stainless steel (option:316 stainless steel)	304 stainless steel (option:316 stainless steel)
	The Main Body Material		Coated cold rolled steel	Coated cold rolled steel
Performance	Power (KW)		2.8	3.2
	Power Supply(V/Hz)		220-240-50/60	220-240-50/60
	Electrical Current (A)		13.0	14.5
	The sterilization temperature range (°C)		105-138	105-138
	Temperature fluctuations (°C)		0-3	0-3
	Temperature uniformity (°C)		<2	<2
	Design Temperature (°C)		150	150
	Design Pressure (Mpa)		0.3	0.3
	Rated Working Pressure (Mpa)		0.22	0.22
	Dynamic Pulse Exhaust Times		1-9 (settable)	1-9 (settable)
	Sterilization Time (min)		1-999	1-999
	Noise (dB(A))		≤65	≤65
Accessories	Temperature Sensor		PT100	PT100
	Ambient Range (°C)		5-40	5-40
	Humidity Reservoir (L)		2.6	2.6
	Shelves Dimensions (w*d)(mm)		281*183	376*183
Others	Shelves Number Standard/Maximum		3/5	3/5
	USB		Y	Y
	Printer		Optional	Optional
Others	CE		Y	Y
	PED		Optional	Optional

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