

HICLAVE

HVE-50

*New autoclave. Easy operation.
More safety and more user-friendly features!*



6 Primary Features

1. Electromechanical lock system (patent pending).

By only using a one-touch lever, you can easily and safely open the lid chamber.

2. Dual-sensing interlock mechanism.

Safety system locks the lid by detecting the inner pressure and the temperature of the chamber. This dual-sensing system assures greater safety.

3. Pulse Exhaust System.

This is for safe and quick sterilization of liquids. Pulse Exhaust System enables the chamber to exhaust quickly so that culture media can be cooled down and can be removed without the risk of boiling over.

4. Memory function (Program your own).

You can change the parameters for sterilization. Once changed, they are retained. You can start simply.

5. Space-saving design.

The chamber lid opens vertically upwards. This design saves space compared to models in which the lid swings out horizontally.

6. Process status display.

The current status of the sterilization process is indicated by means of a set of flashing lights.

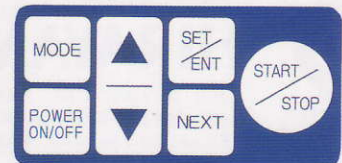


Products shown in this brochure are manufactured by the company, ISO 9001 certified

[Display]



[HVE-50]



HICLAVE HVE-50

◎Main specifications

Model No.	HVE-50	
Product name	"HICLAVE" Autoclave	
Outer Dimensions (Height with lid open)	540W×1040H×530Dmm (1370Hmm)	
Chamber size (Capacity)	300φ×710Dmm (50ℓ)	
Power source	AC110V/120V/220V/230V/240V, 50/60Hz (Please specify voltage when ordering)	
Power consumption	2.0KW	
Net weight (approx.)	57kg	
Sterilization temperature range	105 to 135℃	
Maximum allowable pressure (Gauge pressure)	0.26Mpa	
Temperature display range	5 to 137℃	
Warming temperature range	45 to 60℃	
Chamber material	Stainless steel (SUS304)	
Sterilization timer	1 to 250 minutes	
Pressure gauge	0 to 0.4 Mpa	
Selective mode	Sterilization of agar (with Warming)	Preparation ⇨ Heating ⇨ Sterilization ⇨ Exhaust ⇨ Warming ⇨ Completion (pulse)
	Sterilization of liquids:	Preparation ⇨ Heating ⇨ Sterilization ⇨ Exhaust ⇨ Completion (pulse)
	Sterilization of solids/ medical instruments	Preparation ⇨ Heating ⇨ Sterilization ⇨ Exhaust ⇨ Completion
Safety devices/ Warning alarms	<ul style="list-style-type: none"> * Double sensing inter lock mechanism * Over-pressure power cut-off * Over-temperature power cut-off * Sterilizing time counting timer * Heater malfunction checker * Temperature sensor wire breakage detector * Securely closed lid check function * Exhaust bottle ready-to-use check system * Lack-of-water prevention device Electric leakage breaker and over current detector Pressure safety valve <p>(Note: The * marked functions show ERROR indication on the display when it works)</p>	
Standard accessories	Stainless steel wire baskets, Heater cover, Drain hose, Exhaust bottle, Caster stoppers.	
Optional accessories	Stainless steel wire baskets, Stainless steel buckets.	

※ Chart recorder is an option.

* Specifications subject to change without notice due to continuous improvement.



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