



HVE-50

# HVE-50

Easy operation. More safety and more user-friendly features !  
(Air Cooling FAN is provided as option)

**HICLAVE**

# HVA-85/110

With Built-in Cooling Fan !



HVA-85



HVA-110

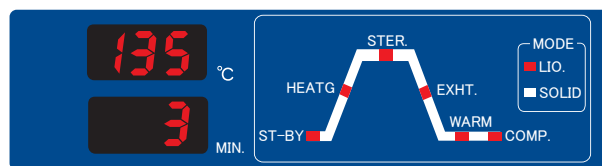


ISO 9001 / 13485  
CERTIFIED

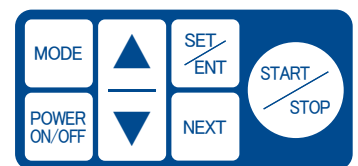


ISO 14001  
CERTIFIED

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



Display : HVE-50



For safer and more reliable medical and laboratory equipment  
**HIRAYAMA**

# User-Friendly Features and Improved Basic Performance

1. Electromechanical lock system.
2. Dual-sensing interlock mechanism.
3. Pulse exhaust system (HVE-50).
4. Memory function (program your own).
5. Space - saving design.
6. Process status display.
7. Forced cooling fan as standard equipment (HVA-85/110) and provided as option (HVE-50).

## Main specifications

Model	HVE-50	HVA-85	HVA-110
Outer dimensions (mm)	547W×532D×1046H	667W×652D×1011H	667W×652D×1191H
Chamber size (Volume)	300 φ ×710H (54.2 liter)	420 φ ×615H (98.8 liter)	420 φ ×795H (123.7 liter)
Effective capacity	50 liter	85 liter	110 liter
Power source	AC110V / 120V / 220V / 230V / 240V, 50 / 60Hz, (specify voltage when ordering)	AC220V / 230V / 240V, 50 / 60Hz, (specify voltage when ordering)	
Power consumption	2.0kW	3.0kW	4.0kW
Net weight (Approx.)	57kg	78kg	85kg
Chamber material	Stainless Steel (SUS304)		
Sterilization temperature range	105°C to 135°C		
Maximum allowable pressure (Gauge pressure)	0.255MPa		
Temperature display range	5°C to 137°C		
Warming temperature range	45°C to 80°C		
Sterilization timer	1 to 250 minutes		
Pressure gauge	0 to 0.4MPa		
Selective mode (cycle)	<ul style="list-style-type: none"> <li>■Agar sterilization (with Warming) : Preparation ⇒ Heating ⇒ Sterilization ⇒ Exhaust (P0,P1,or P2) ⇒ Warming ⇒ Completion</li> <li>■Liquid sterilization : Preparation ⇒ Heating ⇒ Sterilization ⇒ Exhaust (P0,P1,or P2) ⇒ Completion</li> <li>■Sterilization of solids / medical instruments : Preparation ⇒ Heating ⇒ Sterilization ⇒ Exhaust (Forced) ⇒ Completion</li> </ul>	<ul style="list-style-type: none"> <li>■Agar sterilization (with Warming) : Preparation ⇒ Heating ⇒ Sterilization ⇒ Cooling(P0,P1,or P2) ⇒ Warming ⇒ Completion</li> <li>■Liquid sterilization : Preparation ⇒ Heating ⇒ Sterilization ⇒ Cooling(P0,P1,or P2) ⇒ Completion</li> <li>■Sterilization of solids / medical instruments : Preparation ⇒ Heating ⇒ Sterilization ⇒ Cooling(Forced) ⇒ Completion</li> </ul>	
Safety devices / Warning alarm	<ul style="list-style-type: none"> <li>* Double sensing interlock mechanism</li> <li>* Heater malfunction checker</li> <li>* Excess cooling check function</li> <li>* Power failure check function</li> <li>* Over-pressure power cut-off</li> <li>* Temperature sensor wire breakage detector</li> <li>* Exhaust bottle ready-to-use check system</li> <li>* Over-temperature power cut-off</li> <li>* Securely closed lid check function</li> <li>* Lack-of-water prevention device</li> </ul> <p>Electric leakage breaker and over current detector, Pressure safety valve (Note : The * marked functions show ERROR indication on the display when it works)</p>		
Supplied accessories	Stainless steel wire baskets, Heater cover, Drain hose, Exhaust hose, Drain bottle, Caster stoppers		
Optional accessories	Stainless steel wire baskets, Perforated stainless steel buckets.		
Air cooling fan	Option	built-in	

Specifications subject to change without notice due to continuous improvement.



Manufactured under  
ISO 9001 / 13485 / 14001

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