

Autoclaves and Sterilizers

HV-25 AND HV-50 SPECIFICATIONS

MODEL	HV-25	HV-50
TEMPERATURE		
Operating Range	105°C to 126°C	105°C to 135°C
Display Range	128°C	137°C
Warming Range	45°C to 60°C	
Agar Dissolution	Heating at 60°C to 100°C for up to 1 hour (temperature and time programmable), followed by 45°C to 60°C (programmable for up to 20 hours to prevent coagulation)	
GAUGE PRESSURE		
Operating Range	3 to 22 psi gauge (0.02 to 148MPa)	3 to 30 psi (0.02 to 0.206MPa)
Maximum Allowable	27 psi (0.186MPa)	38 psi (0.26MPa)
TIMER		
Sterilization	1 to 250 minutes	
Delayed Auto-start	Program autoclave to start 1 minute to 7 days later	
DIMENSIONS		
Overall (W x D x H)	19.0" x 18.0" x 37.4" (48 cm x 46 cm x 95 cm)	20" x 21" x 41" (51 cm x 53 cm x 104 cm)
Chamber (Diameter x Height)	25 liters 9.4" x 21.6" (24 cm x 55 cm)	50 liters 11.8" x 28.0" (30 cm x 71 cm)
SAFETY DEVICES	Dual-sensing lid interlock, over-pressure power cutoff, over-temperature power cutoff, low-water power cutoff, mechanical pressure relief valve, microprocessor-controlled pressure relief valve, lid-closure detector, over-current detector and circuit breaker	

PROGRAMS		
1. For agar	Heating -> Sterilization -> Exhaust (from no exhaust to slow, programmable) -> Warming -> Completion	
2. For liquids	Heating -> Sterilization -> Exhaust (from no exhaust to slow, programmable) -> Completion	
3. For solids	Heating -> Sterilization -> Exhaust (fast, default) -> Completion	
4. For melting agar or for faster start-up	Rapid melting at 60°C to 100°C (temperature and time programmable) -> Maintain at 45°C to 60°C (temperature programmable) -> Completion	
ACCESSORIES		
Stainless steel	Mesh wire baskets, buckets (pails), and round test tube racks	
Factory or field installed	Floating (load) sensor, digital printer, and data logger	
POWER		
Source	120V, 50/60 Hz (220V/240V available)	
Consumption	1500 watts (1500VA)	2000 watts (2000VA)
SHIPPING WEIGHT	160 lb (73 kg)	180 lb (82 kg)

WARRANTY: Autoclaves are protected by a 12-month warranty.

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Concord, CA 94520, USA
(925)-299-0743 • (888) 263-7392 • Fax: (925)-299-0745