

MODEL HVA-85 AUTOCLAVE

Portable Top-Loading Autoclave With Cooling Fan and Advanced Safety and User-friendly Features



Space-saving design with lid opening upward.

Dual lid safety interlock prevents lid opening when a cycle is in progress, the chamber is pressurized, or when the temperature exceeds 97°C.

One-touch lever to easily open and close the chamber lid.

Door-closure sensor prevents a cycle from starting unless the door is closed properly.

Size: 85 liters, 16.5" diameter x 24.2" height

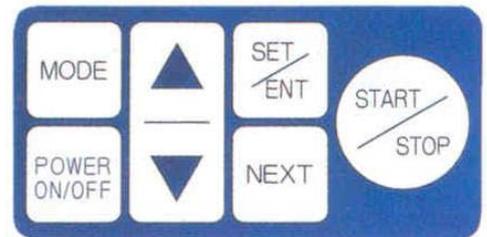
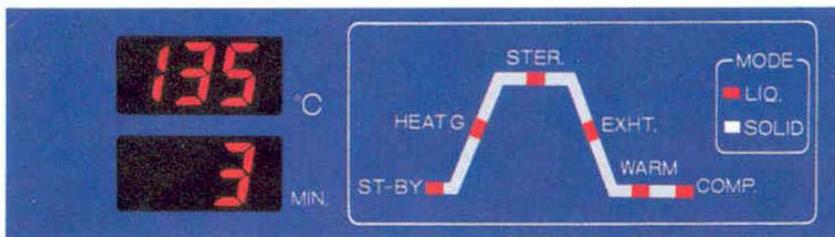
Standard built-in cooling fan for faster post sterilization cooling.

Agar sterilization mode for sterilizing agar and automatically maintaining it at liquid temperature.

Agar melting mode for rapidly melting agar and maintaining it at liquid temperature, or for a hot and faster start up.

In-process display shows status and progress of sterilization cycle.

Control Panel



Amerex Instruments, Inc.

MODEL HVA-85

The HVA-85 is equipped with a 85-liter stainless steel chamber. It is a self-contained, portable floor models mounted on caster wheels. The chamber diameter is 16.5" and can accommodate significantly larger loads than 50-liter models. It is ideal for the sterilization of fermenters, media, wastes, and laboratory glassware.

SPECIFICATIONS

TEMPERATURE Operating Range Display Range Agar Warming Range	105°C to 135°C 137°C After sterilization, agar can be maintained from 45°C to 60°C (programmable) to prevent coagulation for up to 20 hours.
PRESSURE (Gauge) Max. Operating Pressure Pressure Gauge Range	0.26Mpa 0 to 0.40Mpa
TIMER	1 to 250 minutes
DIMENSIONS Overall (W x D x H) Chamber	26" x 25.6" x 39.4" (66cm x 65cm x 100cm) 85 liters, 16.5" diameter x 24.2" ht. (42 cm x 61.5 cm)
SAFETY DEVICES	Dual-sensing (temperature and pressure) 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 2. For liquids 3. For solids	Heating → Sterilization → Exhaust (choice of no exhaust and two exhaust rates) → Warming → Completion Heating → Sterilization → Exhaust (choice of no exhaust and two exhaust rates) → Completion Heating → Sterilization → Exhaust (choice of no exhaust and two exhaust rates) → Completion
ACCESSORIES	Mesh wire baskets, buckets (pails), and a tube rack for 126 x 20-mm tubes
POWER	208V/220V/240V, 50/60 Hz, single phase, 3000 watts
SHIPPING WEIGHT	282 lb (128 kg)

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



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