

## HG-50 AND HG-80 SPECIFICATIONS

MODEL	HG-50	HG-80
Overall (W x D x H)	19.7" x 27.2" x 35.0" (45.5 cm x 69.1 cm x 89.0 cm)	19.7" x 27.2" x 40.6" (45.5 cm x 69.1 cm x 103.0 cm)
Chamber (Diameter x Height)	50 liters 14.3" x 19.0" (36.4 cm x 48.2 cm)	76 liters 14.3" x 28.7" (36.4 cm x 73.0 cm)
Temperature Range	105°C to 135°C	
Sterilization Timer	1 to 300 minutes	
Agar Warming Range	After sterilization, agar can be maintained from 45°C to 60°C (programmable) for up to 24 hours to prevent coagulation	
Delayed Auto-Start	Program autoclave to start 1 to 99 hours later	
Cooling Fan	Switch to turn fan on or off	
Air Removal Timer	Programmable, 3 to 9 minutes after temperature has reached 97°C	
Steam Venting	Selectable from: No venting and three other venting rates	
Temperature for Release of Lid Interlock	Programmable, 60°C to 97°C for greater safety and flexibility	
Sterilization Program Cycles	1) Liquid cycle, 2) Agar (liquid with warming) cycle, and 3) Solid cycle	
Additional Cycles for Agar Dissolution	Cycle for dissolving and keeping agar warm (no sterilization)	
Agar Dissolution Protocol	Initially at 60°C-100°C for 1-60 min., then at 45°C-60°C for up to 24 hrs.	
Safety Features	Circuit breaker with GFCI, low-water power cut-off, over-temp power cutoff, over-pressure power cut-off, safety valve, sensor for improper lid closing	
Steam Condenser	15-liter water tank	
Drain Water Bottle	2 liters	
Power Requirements	120V or 220V, 50/60 Hz, single phase	220V, 50/60 Hz, single phase
Power Consumption	2.0kW, optional 3.0kW for 220V only	3.8 kW
Shipping Weight	180 lb (82 kg)	255 lb (116 kg)

## HG-113 AND HG-133 SPECIFICATIONS

MODEL	HG-113	HG-133
Overall (W x D x H)	27.0" x 34.3" x 36.6" (68.6 cm x 87.0 cm x 93.0 cm)	27.0" x 34.3" x 40.7" (68.6 cm x 87.0 cm x 103.4 cm)
Chamber (Diameter x Height)	108 liters 19.7" x 21.7" (50.0 cm x 55.2 cm)	129 liters 19.7" x 25.8" (50.0 cm x 65.6 cm)
Sterilization Timer	1 to 300 minutes	
Agar Warming Range	After sterilization, agar can be maintained from 45°C to 60°C (programmable) for up to 24 hours to prevent coagulation	
Delayed Auto-Start	Program autoclave to start 1 hour to 99 hours later	
Cooling Fan	Switch to turn fan on or off	
Air Removal Timer	Programmable, 3 to 9 minutes after temperature has reached to 97°C	
Steam Venting	Selectable from: No venting and three other venting rates	
Temperature for Release of Lid Interlock	Programmable, 60°C to 97°C for greater safety and flexibility	
Sterilization Program Cycles	1) Liquid cycle, 2) Agar (liquid with warming) cycle, and 3) Solid cycle	
Additional Cycles for Agar Dissolution	Cycle for dissolving and keeping agar warm (no sterilization)	
Agar Dissolution Protocol	Initially at 60°C-100°C for 1-60 minutes, then at 45°C to 60°C for up to 24 hrs.	
Safety Features	Circuit breaker with GFCI, low-water power cut-off, over-temp power cutoff, over-pressure power cut-off, safety valve, sensor for improper lid closing	
Steam Condenser	Radiator	
Drain Water Bottle	8 liters	
Power Requirements	3-phase, 400VAC (other 3-phase voltages available)	
Power Consumption	5.7kW @ 400VAC	
Shipping Weight	310 lb (140 kg)	330 lb (150 kg)