

Air Cooling Series

Economical and Efficient

The Q50B and Q70B offer more internal space for use as it has a deeper interior space (46cm deep, 23 litres volume) allowing larger instrument sets to be safely sterilized. The strong vacuum pump and efficient steam generator facilitate short cycle times.

Q50B/Q70B



Powerful performance

The air-cooling series autoclaves are equipped with specific parts imported from all over the world. The vacuum pump and temperature sensors are from Germany and the solenoid valves are from Italy; these parts ensure the best performance.



Extreme dryness

The air cooling autoclaves generate saturated steam which ensures maximum steam penetration throughout the entire load. This achieves optimal drying results, even for cotton textile loads.



Optional with external or internal water tank

With an external water tank, distilled water is fed from external water reservoirs automatically. After one cycle, there is no need to clean the water tank and discharge the waste water regularly.



Intelligent load detection

With intelligent load detection, the required time, water, and power can be calculated precisely. The device can measure the amount of load and adjust resources to achieve effective sterilization; saving energy and providing an environmentally-conscious solution.



Advanced performance

The Q50B and Q70B is constructed with high-quality imported parts. The vacuum pump is from Germany (capable of achieving a vacuum of -0.92bar), and the solenoid valves and water pump are from Italy; ensuring high quality sterilization and long term performance of your Hatmed autoclave.



Patented steam generator

Independent steam generator produces saturated steam quickly.



Power off protection

If the sterilizer is powered off during normal operation, the chamber automatically recovers to normal pressure. This allows the loads to be taken out safely and timely by the emergency door button, or by waiting for electricity restoration.





Reliability and traceability

An optional external printer can be connected to the Q50B and Q70B via RS232 serial port. This allows all cycle data to be printed on thermal paper. If the printed sterilization record is lost, there is no need to export and reprint through the USB flash drive as the missing record can be directly exported by the printer.



Label printing

Optional label printer can be used to print labels and the expiration date can be set on system. The labels can be pasted on the packaging bag for easy viewing.





Mechanical emergency door switch

If the sterilizer is powered off during normal operation, the chamber automatically recovers to normal pressure, the loads can be taken out safely and timely by an emergency door button.



Options

Printer		
External printer	Label printer	Built-in printer
		

Water tank	
External water tank	Internal water tank
	

Technical Specifications

Model	Q50B	Q70B
Vol	18L	23L
Screen	LCD Liquid Crystal Display	
Door Lock	Electrical Safety Door	
Device Dimensions	452mm(W)*480mm(H)*560mm(D)	452mm(W)*480mm(H)*680mm(D)
Chamber Dimensions	φ 253mm*360mm	φ 253mm*460mm
Weight	60KG	65KG
Power	220V/50HZ/2500W	
Data Interface	USB/RS232	
Printer	Built-in/External Printer (Optional)	
Tray	3 Layers Tray (5 Layer Tray is available)	
Vacuum level	-0.92bar	
Residual Humidity	< 0.1%	

Note: All technical data, programs, and configurations may vary with models. HaeTmed reserves the right to modify technical parameters without prior notice.

Features

- 3-time pre-vacuum
- Vacuum drying
- Extra dryness
- Emergency stop
- Smart load monitor system
- Embedded control system
- Intelligent error detection
- Innovative jog-dial knob
- Power off Protection
- Built-in large memory
- Water quality monitor
- Manual lock
- Automatic upgrade with USB driver
- LCD display
- 9 programs

Product Measurements

Q70B

