

## Large Horizontal Autoclave



New UI interface

### Introduction:

The large horizontal autoclave extracts vacuum and fills steam into the sterilization room for many times to make the sterilization chamber reach a certain vacuum degree, and then fills saturated steam to reach the set pressure and temperature, so as to achieve the purpose of sterilization of the sterilized substance.

### Application:

It is mainly suitable for the sterilization of items in supply rooms, dialysis rooms, biological laboratories, beauty and plastic surgery hospitals and other places.

### Features:

- \* Motorized double-door, inflatable sealing ring, more reliable and stable sealing performance.
- \* Standard thermal printer, convenient for customers to store and record sterilization data.
- \* The main structure is a rectangular annular reinforcing rib structure, with low residual stress, strong bearing capacity under pulsating alternating pressure and temperature loads, and long container life.
- \* Using a brand-new operation interface, programmable controller PLC and 7.0-inch color touch screen, the whole process is automatically controlled by the program, which can simultaneously display the jacket pressure and inner chamber temperature, inner chamber pressure, operating status, fault alarm and other information.
- \* Equipped with an intelligent drying system, the residual humidity after drying of the equipment does not exceed 0.2%, and the residual humidity after drying of the dressing does not exceed 1%.
- \* Equipped with a sterilizing high-efficiency air filter to ensure sterile air in the cavity and avoid re-contamination.

- \* The equipment is connected to an external water source, so there is no need for manual water replenishment. After the customer selects the program, the equipment can complete the entire process from water injection to drying without human intervention. After the program is completed, a voice prompts the completion of sterilization.
- \* The inner chamber is designed with independent steam inlet, and the steam does not pass through the jacket, which prevents the carbon steel of the jacket from contaminating the sterilized items, and prevents the jacket pressure drop from affecting the drying effect.
- \* Double-door channel type, pressure, mechanical and electronic 3-layer safety interlocking device, and has over-temperature protection and over-pressure protection, which can eliminate potential safety hazards.
- \* There are fabric program, instrument program, rubber program, solid DIY program and enhanced program. Auxiliary programs for drying program and water adding program. BD, leak test, PCD test program. Liquid program is optional.
- \* The shell is made of 304 stainless steel, which is easy to clean.



Sterilization Trolley



Side Cover



Air Compressor

### Technical Parameters:

Model	BKQ-Z450H	BKQ-Z650H
Capacity	450L	650L
Door	Automatic	
Display	7-inch LCD touch screen	
Designed Pressure	Inner chamber: -0.1/0.3MPa; Jacket:0.3MPa	
Working Pressure	0.25MPa	
Designed Temp.	150°C	
Max Working Temp.	134°C	
Temp. Control Precision	±0.2°C	
Built-In Steam Generator	0.8MPa	
Sterilization Time	0~9999s	
Drying Time	0~9999s	
Vacuum system	Water circulating vacuum pump	
Chamber Material	S30408	
Chamber Size	672*672*1000mm	672*672*1500mm
Power Supply	AC380V/50Hz(Standard); AC380V/60Hz(Optional); Wiring Method: Air switch	
Consumption	35kVA	56kVA
Altitude	≤2000m; could be customized@ 2000~2700m	
Trolley	2 external sterilization trolleys, 1 internal sterilization trolley	
Standard Accessories	Trolleys, printer	
Optional Accessories	Sheet metal side cover, air compressor, liquid program	
External Size(W*D*H)mm	1314*1260*2050	1314*1760*2050
Package Size(W*D*H)mm	Mianinstrument:1424*1500*2360; Trolleys:1550*630*1900	Mian instrument: 1424*2000*2295; Trolleys: 2050*630*1900
Net Weight(kg)	1035	1200
Gross Weight(kg)	Mian instrument: 1220; Trolleys:150	Mian instrument: 1440; Trolleys:170