



## LABORATORY HORIZONTAL AUTOCLAVE BEM2U2 (BAHZ-810-B)

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## LARGE HORIZONTAL AUTOCLAVE

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.



1. Motorized double-door, inflatable sealing ring, more reliable and stable sealing performance.
2. Standard thermal printer, convenient for customers to store and record sterilization data.
3. 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.
4. 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.

## SPECIFICATIONS

|                          |   |
|--------------------------|---|
| Model                    | BEM2U2  |
| Old Model                | BAHZ-810-B  |
| Capacity                 | 650L  |
| Door                     | Automatic   |
| Display                  | 7-inch LCD touch screen   |
| Designed Pressure        | Inner chamber: -0.1/0.3MPa; Jacket: 0.3MPa  |
| Working Pressure         | 0.21MPa   |
| Designed Temp.           | 150°C   |
| Max Working Temp.        | 134°C   |
| Temp. Precision          | ±0.2°C  |
| Built-In Steam Generator | 0.8MPa  |
| Sterilization Time       | 0~99min   |
| Drying Time              | 0~99min   |
| Vacuum system            | Water circulating vacuum pump   |
| Chamber Material         | S30408  |
| Chamber Size(W*D*H)      | 672*1500*672mm  |
| Altitude                 | ≤2000m  |
| Trolley                  | 2 external sterilization trolleys, 1 internal sterilization trolley   |
| Standard Accessories     | Trolleys, printer   |
| Optional Accessories     | Sheet metal side cover, air compressor, liquid program  |
| Consumption              | 56kVA   |
| Power Supply             | AC380V, 50Hz(Standard); AC380V, 60Hz(Optional); AC220V, 50/60Hz(Three phase, Optional); Wiring Method: Air switch |
| External Size(L*W*H)     | 1760*1314*1970mm  |
| Net Weight               | 1200kg  |
| Package Size(L*W*H)      | Main instrument: 2000*1424*2295mm; Trolleys: 2050*630*1900mm  |
| Gross Weight             | Main instrument: 1440kg; Trolleys: 170kg  |
| Alt Name                 | Large Horizontal Autoclave  |



## FEATURES

1. Motorized double-door, inflatable sealing ring, more reliable and stable sealing performance.
2. Standard thermal printer, convenient for customers to store and record sterilization data.
3. 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.
4. 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.
5. 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%.
6. Equipped with a sterilizing high-efficiency air filter to ensure sterile air in the cavity and avoid re-contamination.
7. 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.
8. The inner chamber is designed with an 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.
9. 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.
10. There are fabric programs, instrument programs, rubber programs, solid DIY programs and enhanced programs. Auxiliary programs for drying programs and water adding programs. BD, leak test, PCD test program. Liquid program is optional.
11. The shell is made of 304 stainless steel, which is easy to clean.



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