

QVA PASS THROUGH / PASS BOX



Characteristics & Advantages

The QVA is an automated built-in chamber sterilization device developed to meet the heightened standards of EuGMP and FDA.

For perfect sealing, the gasket automatically expands to completely isolate the interior from the exterior.

Additionally, the SUS surface is specially polished to facilitate easy cleaning.

The chamber size can be adjusted to fit any space, and tray sizes are customized to suit the items to be sterilized.

SPECIFICATION

Model Name	QVA
External Material	SUS304 (Additional Option: SUS316 applicable for the internal chamber)
Recommended Temperature	Operating : 15~30°C Suspended : 15~35°C
Recommended Relative Humidity Condition	Operating : 20~85% Suspended : ~85%
Required/Consumed Power	AC 220 Volts 50/60Hz, 10 Amps
Internal Chamber Size	Ready-made Size *Pass Box : 700(W)x1,400(D)x800(H) *Pass Through : 1,000(W)x1,700(D)x1,500(H) : 1,000(W)x1,600(D)x1,700(H) : 1,320(W)x2,100(D)x2,230(H)
External Size	Ready-made Size *Pass Box : 1,400(W)x1,500(D)x2,000(H) *Pass Through : 1,500(W)x1,800(D)x2,150(H) : 1,500(W)x1,800(D)x2,000(H) : 2,000(W)x2,200(D)x2,450(H)
Loading/Transporting Shelf and Cart Size	3D Drawing and Design Service
Hydrogen Peroxide Capacity	1L / 5L
Hydrogen Peroxide Solution Concentration	30~35%
Operation System	Window10 Embedded Standard
Monitor	Loading & Unloading Touch Screen Monitor
Chamber Lamp	RGB LED Lamp
Data Transmission	RS485 Modbus communication
Hydrogen Peroxide Measurement Range	0~1,000ppm(basic installation)or 0~10ppm(additional option)
Chamber Pressure Sensor	-500kpa ~ +500kpa
Electronic Scale	6kg
Surrounding Temperature/ Humidity Measurement Range	Temperature: -40~60°C Humidity: 0~100%
Supply Gas Discharge Temperature	45°C~70°C
HVAC Supply HEPA Filter	99.997%
Hydrogen Peroxide Injection	4g/min / 12g/min
Data Storage and Printing	USB Storing and Printer Output



Feature

- Equipped with H14 grade filters that can filter out 99.995% of particles as small as 0.3µm
- Thermal transfer printer and USB data port
- Automatic opening and closing door
- Air-tight gasket: Automatically expands and contracts to ensure perfect sealing
- Customizable chamber sizes



Benefit

- Capable of sterilizing items of any size
- Prevents contamination leakage
- Easy monitoring sterilization stages through RGB LED color changes



Option

- Customizable chamber and external dimensions
- Ionizer for effective particle control
- Cart size customizable



- ① Air gun installation for minimizing particles (optional)
- ② 1L/5L Hydrogen Peroxide Solution
- ③ Built-in gasket in the door automatically expanding to create a perfect seal
- ④ HEPA filter PAO test
- ⑤ LED color changes based on operation status