

Aseptic isolator



HGL-1800

Scope of Application:

Aseptic isolator is widely used in industries such as pharmaceuticals, biotechnology, medical devices and food processing, especially in production, research, development and testing processes that require highly clean and sterile environment.

Innovative Design

- Innovative sealing technology
- High efficiency hydrogen peroxide sterilizer
- Highly automated design for appointment sterilization, automatic transmission, etc

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Product Advantages



Efficient Sterilization

Dry sterilization technology achieves efficient sterilization



Double Layer Flow

Double layer flow maintains a sterile environment. It can meet GMP A-level environmental requirements under operation



Automatic Leak Detection

According to the requirements of the American Parenteral Drug Association (PDA), the isolator has an hourly leak rate of less than 0.5% under a test pressure of 100Pa



Ensure Experiment Safety

The internal pressure is 0-80 Pa and the pressure is maintained at the set value ± 5 Pa under static conditions



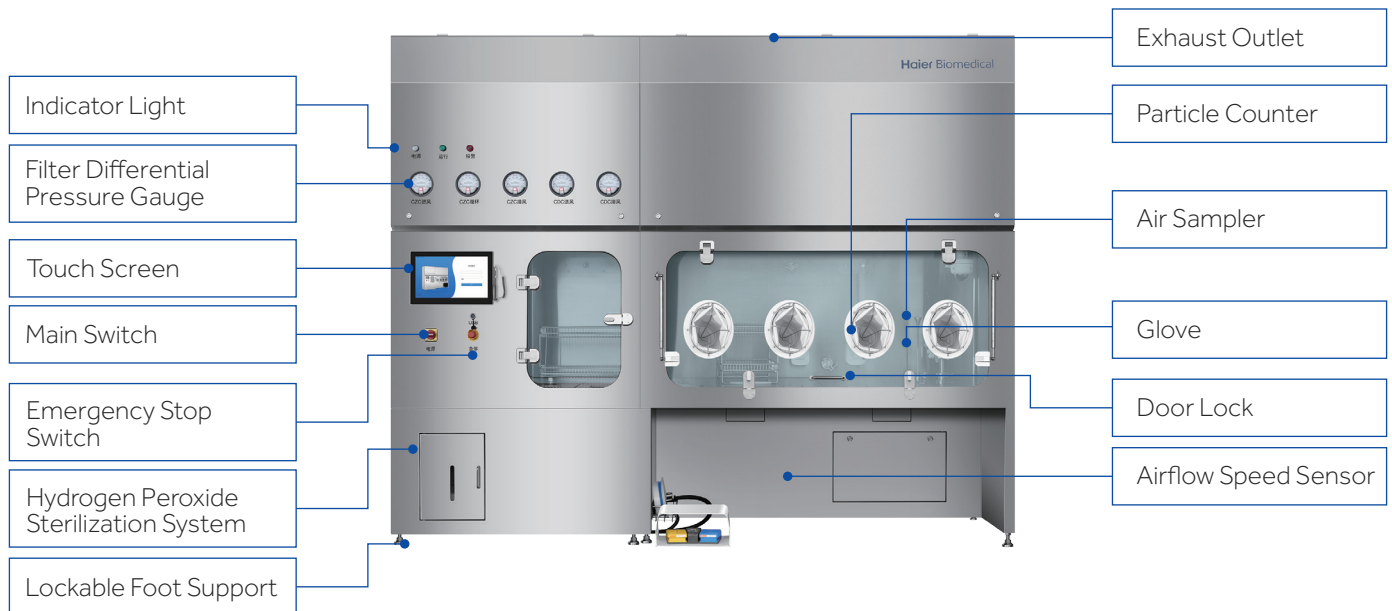
Intelligent Monitoring, Data Traceability

Able to be integrated with environmental monitoring devices such as cameras, particle counters, air sampler. It can operate and record data through a touch screen



Automated Material Transfer

The transfer cabin is equipped with an automatic transfer car, which can transfer materials in and out through a foot switch



Specifications

Model	HGL-1800
Exterior Dimensions (W*D*H)(mm)	3000*890*2450
Working Cabin Dimensions (W*D*H)(mm)	1794*890*740
Transfer cabin Dimensions (W*D*H)(mm)	594*640*740
Internal work pressure (pa)	0-80
Sound Level (dB(A))	< 75
Average illuminance (lux)	> 350
Airflow mode	Vertical flow
Airflow Velocity (m/s)	0.45 \pm 20%
Leakage rate	<0.5% Under a test pressure of 100Pa
Power (KW)	3
Glove	CSM integrated gloves
Door sealing method	Inflatable sealing method
Sterilization effect	Log6 within 2.5Hours
Electronic Signatures	FDA 21CFR part 11

*Haier Biomedical reserves the right to change products and specifications without prior notice.