Clean Air Quality Guarantee



Product overview

The weighing room, also known as negative pressure room, dispensing booth, sampling room, is a dedicated local decontamination unit that conforms to the latest version of GMP for the production of sterile formulation, widely used in pharmaceutical, biological research and scientific experiment etc.

Reasonable air distribution

It provides a vertical one-way air flow, 80%-90% of clean air is circulated in the work area, 10%-20 % discharge to generate negative pressure in the work area, prevent dust from overflowing, and prevent cross-contamination, which is used to ensure a high cleanliness environment in the work area.

Flexible air supply

Uniform air flow supply clean vertical unidirection airflow, creat a virtuous circle of air recirculation, automatically controlled by the intelligent PLC system, constent keeping 0.45m/s air flow.

Good sealing

Weighing room provides a self-circulating negative pressure clean microenvironment and a negative pressure operating area without leakage. Effectively remove harmful dust or infectious virus from production or biological operations.

Advantages

Using PLC and touch screen control, intelligent and fast human computer interaction interface.

Item	Weighting room / Negative pressure room / Dispensing room / Sampling room		
Model	WR-001	WR-002	
External size(WxDxHmm)	1300x1300x2600	2400x1800x2600	
Working area(WxDxHmm)	1200x800x2000	2300x1300x2000	
Air flow (m³/h)	1550	4850	
Power (W)	590	3100	
Velocity	0.45 m/s±20%		
Clean Class	Class A, ISO5 (Class 100)		
Noise	<65 dBA		
Illumination	≥300 Lux		
HEPA Filter	G4+F8+H14		
Control Method	PLC+HMI		
DP gauge	3sets, for each filter		
DOP test ports	1set for filter integrity test		
Accessories	Wind speed sensor, LED light, water proof sockets		
Power Supply	AC 380V		

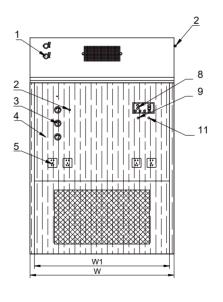
Optional Configuration

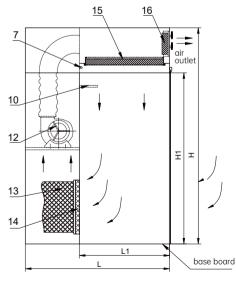
- ☐ Laminar flow membrane
- ☐ Temperature and humidity induction
- ☐ Alarm buzzer (for pressure difference, fan)
- □ Operating table
- ☐ Solid wall door
- ☐ DP gauge for exhaust filter
- □ FAT / IQ / OQ / DQ



Parameter

- 1. PAO test port
- 2. Alarm buzzer
- 3. Differential pressure gauge
- 4. PVC strip curtain
- 5. Water proof socket
- 6. Power connector
- 7. LED lamp
- 8. PLC Touch screen control panel
- 9. Emergency stop switch
- 10. Wind speed sensor
- 11. LED lamp on/off switch
- 12. Blower
- 13. Medium efficiency filter
- 14. Washable Pre filter
- 15. Air supply HEPA filter
- 16. Air exhaust HEPA filter





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