



FH-12-DB

FH-12/18/24-DB, Dispensing Booth (Sampling or Weighing Booth)

Dispensing booth is a kind of partial purifying equipment for filling, refilling, weighing and sampling of raw material and compounds. It is provided with HEPA filter, which prevents the airborne dusts by down draught technique. The unit eliminates powder contamination to protect the operator and the surrounding environment. Dispensing booth is also called sampling booth or weighing booth.

Features:

- Customized design is welcome.
- Unique designed air duct effectively controls the noise.
- Smooth transitions of wall and ground can eliminate the blind angle.
- Differential pressure gauge is equipped to real-time monitor the filters.
- Intelligent control mode and alarm system ensure the reliability of running.
- Automatic changeable frequency system monitors the air velocity to ensure its stability in the work area.
- Uniform flow design of main working area can protect the operators and prevent environmental pollution and cross contamination of products.
- Dispensing Booth(Sampling or Weighing Booth) has primary filters, medium efficiency filters and HEPA filters to keep air cleanliness of work area.



Reference Picture



Reference Picture



Air Flow Pattern



Differential Pressure Gauge
Dwyer make Magnehelic gauges are used to measure the pressure drop HEPA filter 0-500 Pa.



LCD Display
Microprocessor control system.



Soft Wall Material
PVC anti-static dustproof curtain.

Model	FH-12-DB	FH-18-DB	FH-24-DB
Clean Level	ISO 5 (Class 100), Class A		
HEPA Filters	99.999% efficiency at 0.3 um		
Air volume	Supply air volume: ≤7500m ³ /h, Exhaust air volume: ≤2250m ³ /h; Adjustable		
Material	Fully stainless steel		
Air Velocity	0.35~0.65m/s, adjustable		
Pressure Gauge	3pcs		
Noise	≤70dB		
UV Lamp	30w x 1	40w x 1	30w x 2
	Emission of 253.7 nanometers, with UV timer		
Illuminating Lamp	14w x 4	16w x 4	16w x 2 & 14w x 4
	LED lamp, Illumination: ≥800lux		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption	600W	1000W	1700W
Sockets	2pcs		
Work Area Size (WxDxH)	1200x1200x2000mm	1800x1800x2000mm	2400x1800x2000mm
External Size (WxDxH)	1300x1700x2400mm	1900x2300x2400mm	2500x2400x2400mm
Gross Weight	420kg	750kg	840kg
Package Size (WxDxH)	1440x2540x1930mm	2020x760x2370mm	2640x960x2330mm
		2020x660x445mm	2640x780x630mm
		1950x530x2110mm	2640x560x2200mm

Customized design for clean level, size or material is available