



Dispensing Booth (Sampling or Weighing Booth)

INTRODUCTION

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

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

TECHNICAL PARAMETERS

Model	BKDB-1200	BKDB-1800	BKDB-2400
Clean Level	ISO 5 (Class 100), Class A		
HEPA Filters	99.999% efficiency at 0.3µm		
Air volume	Supply air volume: ≤7500m³/h, Exhaust air volume: ≤2250m³/h; Adjustable		
Material	Fully stainless steel		
Air Velocity	0.3~0.6m/s, adjustable		
Pressure Gauge	3 pcs		
Noise	≤75dB		
UV Lamp	30W*1	40W*1	30W*2
Illuminating Lamp	Emission of 253.7 nanometers, with UV timer		
	14W*4	16W*4	16W*4 & 14W*2
Power Supply	LED Lamp, Illumination: ≥500lux		
Consumption	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Sockets	600W	1000W	1700W
Work Area Size(W*D*H)	2 pcs		
	1200*1200*2000mm	1800*1800*2000mm	2400*1800*2000mm
	1300*1700*2400mm	1900*2300*2400mm	2500*2400*2400mm
Gross Weight	420kg	750kg	840kg
Package Size(W*D*H)	2020*760*2420mm		
	1440*2540*1980mm	2020*660*1955mm	2640*760*880mm
		1950*530*2160mm	2640*560*2250mm
Customized design for clean level, size or material is available			

Customization Available



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.



Reference Picture