



Dispensing Booth (Sampling or Weighing Booth)



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



Reference Picture



Soft Wall Material

PVC anti-static dustproof curtain.

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 | 99.995% 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 |
| | Emission of 253.7 nanometers, with UV timer | | |
| Illuminating Lamp | 14W*4 | 16W*4 | 16W*2 & 14W*4 |
| | LED Lamp, Illumination: ≥500lux | | |
| Power Supply | AC220V±10%, 50/60Hz; 110V±10%, 60Hz | | |
| Consumption | 500W | 1000W | 1700W |
| Sockets | 2 pcs | | |
| Work Area Size(W*D*H) | 1200*1200*2000mm | 1800*1800*2000mm | 2400*1800*2000mm |
| External Size(W*D*H) | 1300*1700*2400mm | 1900*2300*2400mm | 2500*2400*2400mm |
| Gross Weight | 420kg | 750kg | 840kg |
| Package Size(W*D*H) | 1440*2540*1980mm | 2020*760*2420mm | 2640*960*2380mm |
| | | 1950*530*2160mm | 2640*780*680mm |
| Customized design for clean level, size or material is available | | | |