



## Mini Cabinet

### There are two types:

Vertical laminar flow cabinet BBS-V500, positive pressure in work area only protects sample.

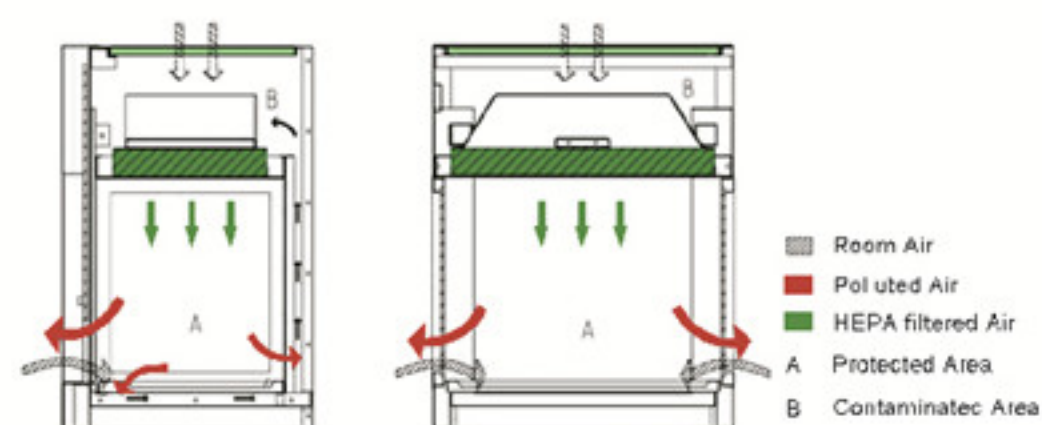
Class I biological safety cabinet BYKG-VII, negative pressure in work area protects operator and environment.

### Advantage:

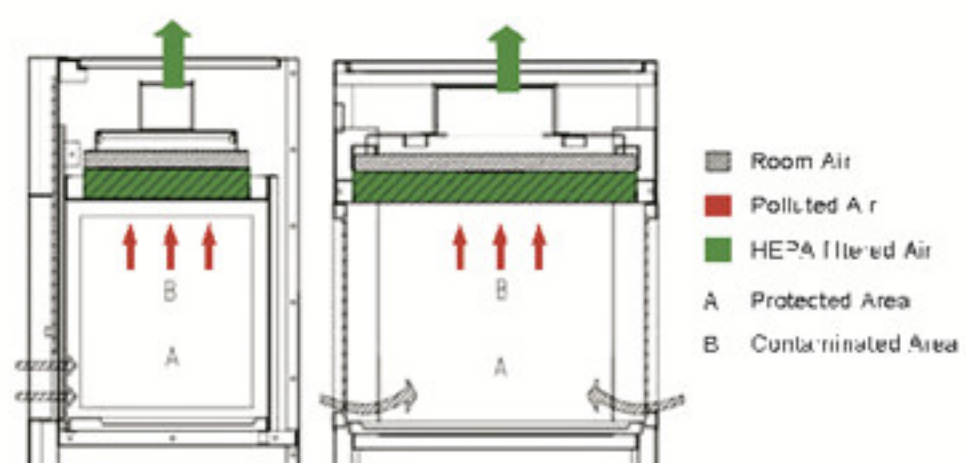
1. HEPA Filter with efficiency: 99.999% at 0.3um.
2. Microprocessor control system, LED Display.
3. Air speed adjustable.
4. Tabletop type, easy to carry and save space.

### Air Flow Pattern:

BBS-V500



BYKG-VII



## TECHNICAL PARAMETERS

Model	BBS-V500	BYKG-VII
External Size (W*D*H)	550*460*700 mm	
Internal Size (W*D*H)	480*340*370 mm	
Display	LED Display	
Airflow Velocity	0.3~0.6m/s	≥0.5m/s
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table:304 stainless steel	
Pre-filter	Polyester fiber, washable	
HEPA Filter	99.999% efficiency at 0.3um	
Noise	<60dB	
Front Window	Manual, 5mm toughened glass, anti UV	
Max Opening	310mm	
Fluorescent Lamp	8W*1	
UV Lamp	Emission of 253.7 nanometers	
Consumption	110W	
Power Supply	110/220V±10%; 60/50Hz	
Standard Accessory	Fluorescent lamp*1, UV lamp*2	
Gross Weight	40kg	
Package Size (W*D*H)	650*550*815mm	



# Fume Hood



**LED Display**  
Digital LED display: Airflow Level



**Water&Gas Remote Control**



**Water&Gas Tap**



**Double Layers**  
1.2mm sheet metal surface, melamine board inward.

## TECHNICAL PARAMETERS

Model	FH1000(A)	FH1200(A)	FH1500(A)	FH1800(A)	
External Size (W*D*H)	1040*750*2200mm	1240*800*2200mm	1540*800*2200mm	1840*800*2200mm	
Internal Size (W*D*H)	820*620*770mm	1020*670*770mm	1320*670*770mm	1620*670*770mm	
Work Surface Height	850mm				
Max Opening	450mm				
Air Velocity	0.3~0.8m/s				
Noise	≤60dB				
Exhaust Duct	PVC, Standard length: 4 meters. Φ300mm				
Pipe Strap	1 pc				
Fluorescent Lamp	14W*1	21W*1	28W*1	36W*1	
UV Lamp	Emission of 253.7 nanometers for most efficient decontamination				
Blower	Built-in centrifugal blower; Speed adjustable.				
Front Window	5mm toughened glass; Motorized; Height adjustable.				
Power Supply	110/220V±10%, 60/50Hz				
Consumption	400W	400W	500W	500W	
Material	Exterior	Cold-rolled steel with anti-bacteria powder coating.			
	Interior	High grade melamine board with good acid and alkali resistance function			
	Work Table	Solid chemical resistant physiochemical board			
Standard Accessory	UV lamp*2, Fluorescent lamp, Water tap, Gas tap, Water sink, Base cabinet				
	Total load of 2 waterproof sockets: 1000W 4-meter PVC exhaust duct, pipe strap				
Optional Accessory	Active carbon filter or HEPA filter				
Gross Weight	230kg	270kg	370kg	420kg	
Package	Main Body	1180*900*1750 mm	1380*940*1790mm	1680*940*1790mm	1980*940*1790mm
	Base Cabinet	1180*900*900mm	1380*940*900mm	1680*940*900mm	1980*940*900mm



## Walk-in Fume Hood



Water Sink



Water & Gas Remote Control Valve



Water & Gas Tap



Application



Application

## INTRODUCTION

Walk-in fume hood supplies exhaust system for large laboratory instruments and equipment. Meanwhile, operators can walk into the fume hood to operate the equipments conveniently and directly. It is widely used in following areas:

- ◆ Hospitals & Pharmaceutical
- ◆ Education Institutions
- ◆ Other Industrial Projects
- ◆ R & D Centers
- ◆ Petroleum & Petrochemical Plants

## TECHNICAL PARAMETERS

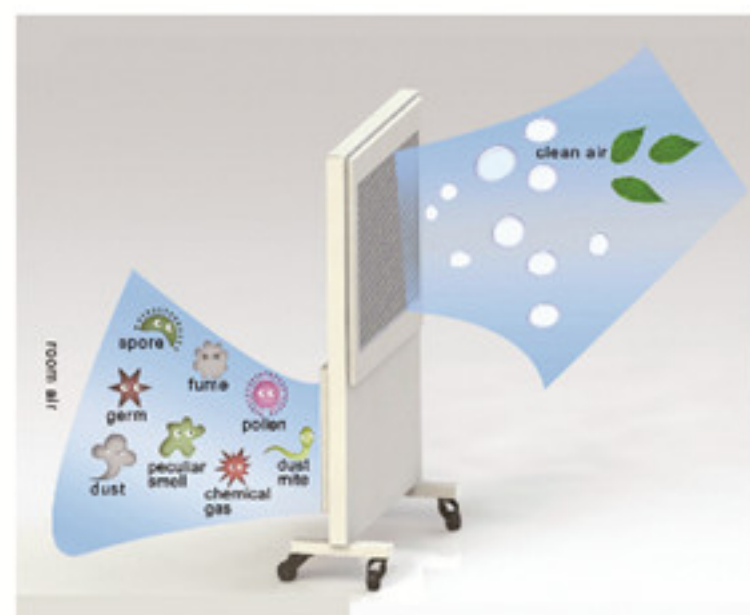
Model	FH1200(W)	FH1500(W)	FH1800(W)
External Size (W*D*H)	1200*830*2200mm	1500*830*2200mm	1800*830*2200mm
Internal Size (W*D*H)	1000*650*1500mm	1300*650*1500mm	1600*650*1500mm
Max Opening	1150mm		
Exhaust Airflow Volume	1200m <sup>3</sup> /h	1500m <sup>3</sup> /h	2000m <sup>3</sup> /h
Inflow Air Velocity	≥0.4m/s		
Noise	62dB		
Vibration	XYZ direct ≤4μm		
Illumination	≥800Lux		
Fluorescent Lamp	21W*1	28W*1	40W*1
Power Supply	110/220V±10%, 60/50Hz		
Consumption	400W	600W	800W
Front Window	Manual. Two layer laminated toughened glass ≥5mm. Anti UV		
Material	Exterior	1.2mm cold-rolled steel with bacteria powder coating.	
	Interior	High grade melamine board with good acid and alkali resistance function	
Standard Accessory	Fluorescent lamp, Water tap, Gas tap, PP cup sink, Remote control water valve, Remote control gas valve, Waterproof sockets * 4.		
Sockets	Total load of 4 waterproof sockets: ≤1000W		
Optional Accessory	Blower, Ø300mm PVC Duct		
Package Size (W*D*H)	1400*1030*2500mm	1700*1030*2500mm	2000*1030*2500mm



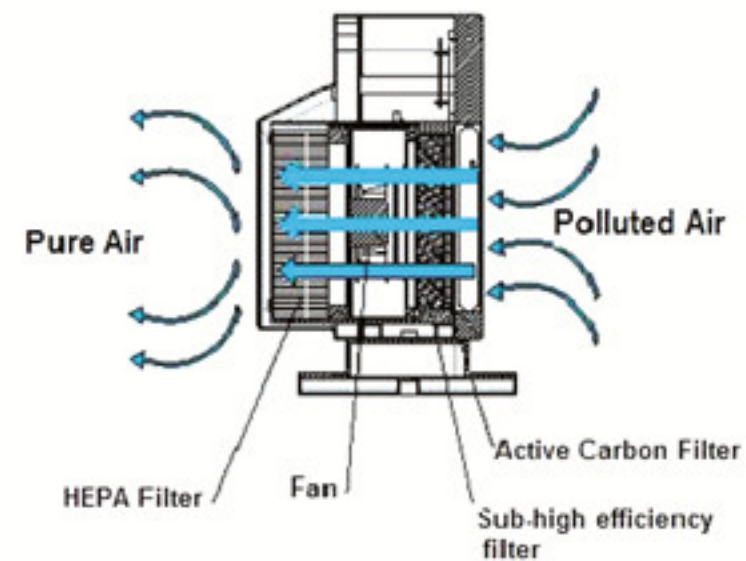
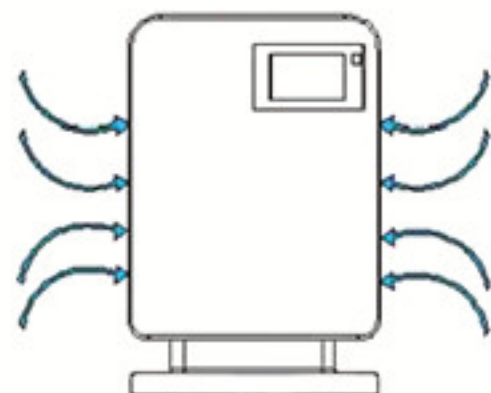
# Air Purifier



QRJ-128



QRJ-168 III



## FEATURES

Air Purifier is an air purification equipment, which is widely used in hospital, small clinic, laboratory, office, meeting room and house etc. It can protect your life and your health through filtering dust, germ and virus in the air.

## ADVANTAGE

1. HEPA filter, 99.999% efficiency at 0.3 um.
2. Low noise, less than 50db.
3. Adjustable air velocity and intelligent timing function, timing range 1h, 2h, 3h.
4. Touch screen control panel.
5. Filter life indicator
6. Three filters: HEPA filter, active carbon filter and sub-high efficiency filter.
7. QRJ-168III could be used to eliminate formaldehyde.

NOTE: 4~7 is only for QRJ-168III.

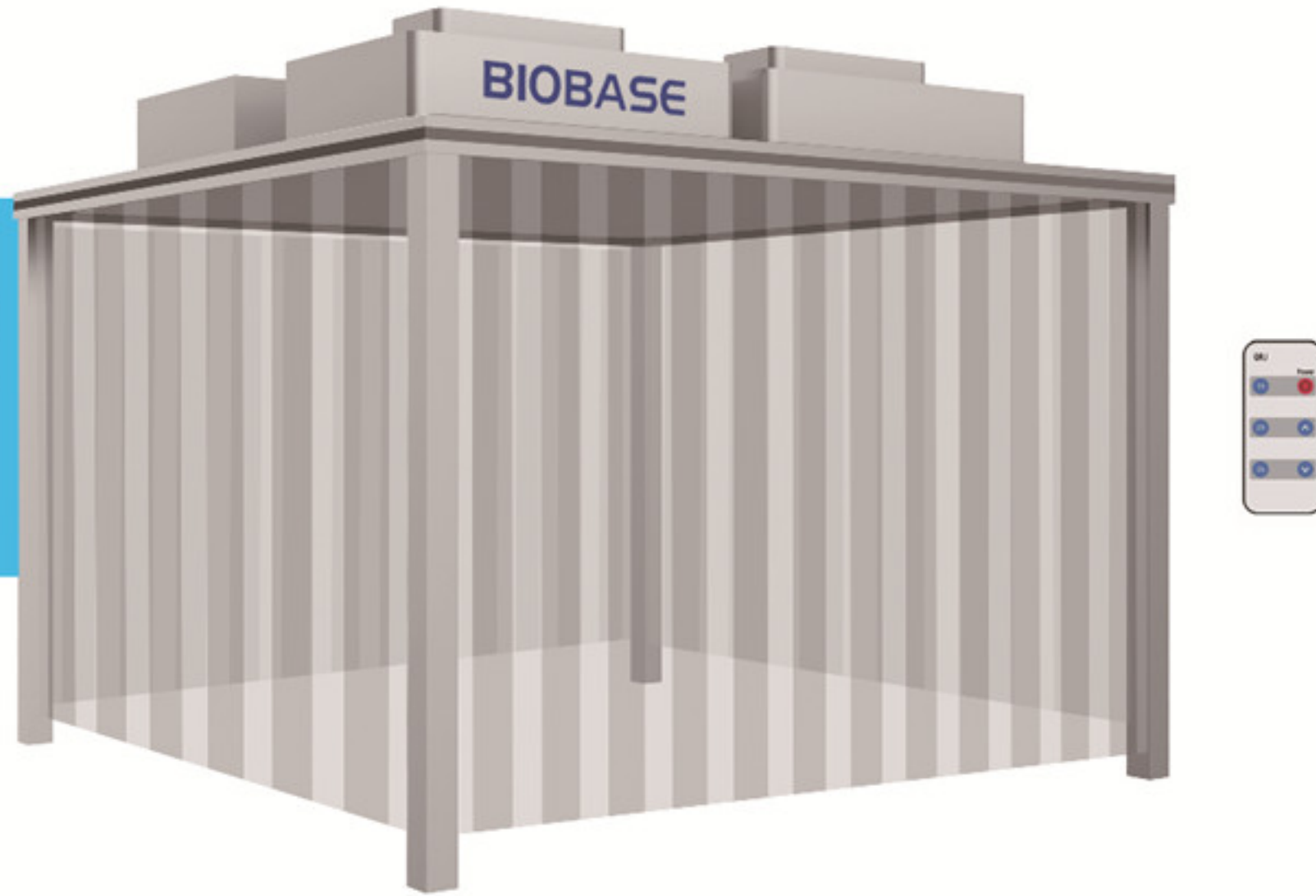
## TECHNICAL PARAMETERS

Model	QRJ-128	QRJ-168III
External Size(W*D*H)	900*60*1400mm	370*380*550 mm
Filter	HEPA filter	HEPA filter, active carbon filter and sub-high efficiency filter.
Optimal Space	20m2	15 m2
Noise	<60dB	<50dB
Consumption	60w	34W
Adjustable Air Speed	7 levels	20 levels
Power Supply	110/220v±10%, 60/50Hz	
Cleanness at Outlet	Class 100	
Gross Weight	40kg	16kg
Package Size	1090*455*1600mm	420*430*605mm





## Clean Booth (Down Flow Booth)



Customization Available



Reference Picture



Reference Picture

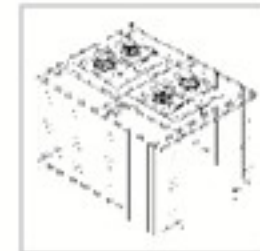


### Microprocessor Control Panel:

Users can control the fan, light, UV and adjust the air velocity with it.



**FFU(Fan Filter Unit)**, which draws in contaminated air from the top of the module, and exhausts filtered clean air vertically in a unidirectional(laminar) air stream at its base, is a self-contained fan and filter module for clean room applications.



### Design Drawing



### Soft Wall Material

PVC, Anti-static dustproof curtain.

## INTRODUCTION

Clean booth is a kind of air purifying equipment providing partial high clean environment. It's the easiest and fastest way to build a simple clean room. Equipped with a lot of clean level and space collocation, it can be designed as request. Main Characteristics: simple use, good flexibility, easy installation, short construction time, and movable. It can be installed in part of clean room of general level which requires high cleanliness to save cost.

## FEATURES

1. It can be used singly or combined.
2. Compared with civil type and fabricated type clean room of hundred clean level, it has low running cost and fast effect, and can be easily installed.
3. Modular construction, easy to increase clean level, good expansion and reusable, convenient movement (Universal wheel can be installed).
4. Customized design is welcome.

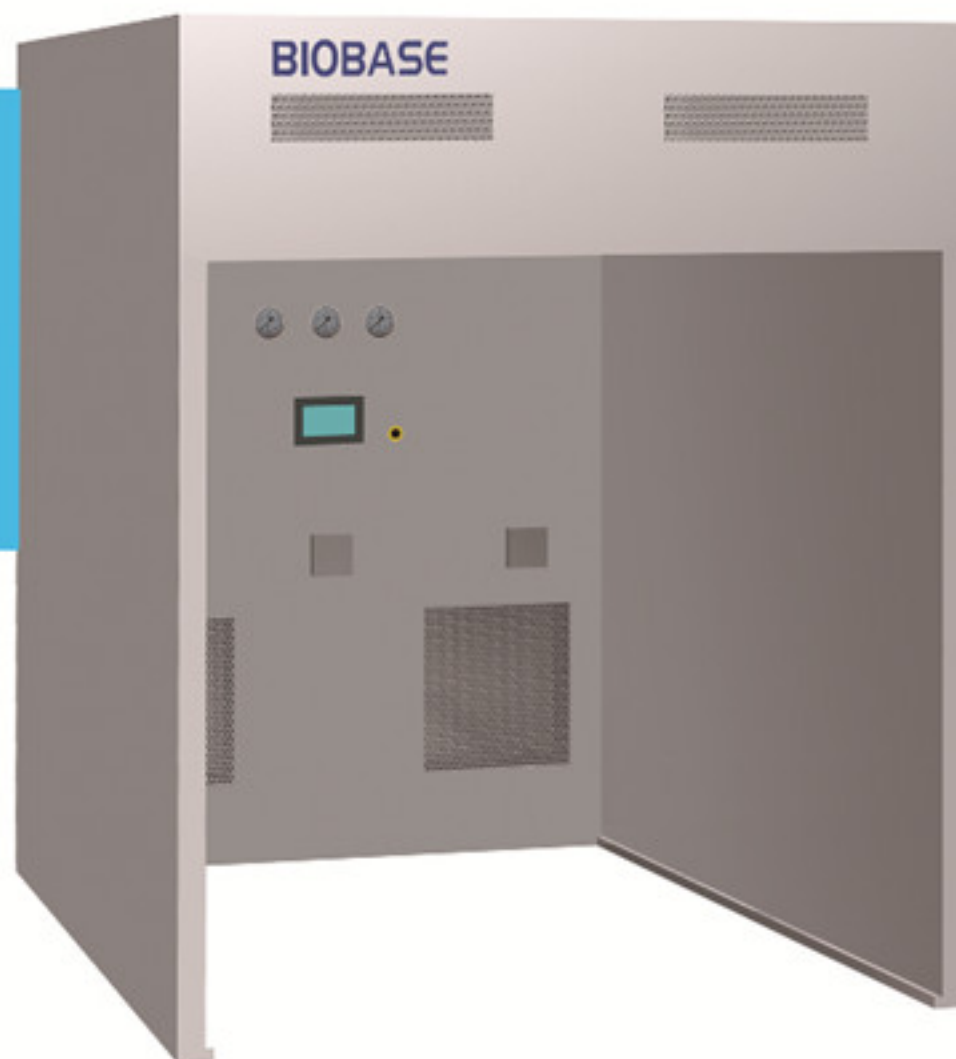
## TECHNICAL PARAMETERS

Model	BKCB-1500	BKCB-2000	BKCB-3000	BKCB-5000
External Size (W*D*H)	1500*2000*2500mm	2000*3000*2500mm	3000*4000*2500mm	5000*5000*2500mm
HEPA Filters	99.999% efficiency at 0.3 um			
Consumption	500W	800W	1000W	1600W
Weight	350kg	420kg	570kg	820kg
FFU Nos.	4 pcs	6 pcs	12 pcs	25 pcs
Clean Level	ISO 5 (Class 100), Class A			
Control System	Microprocessor control system			
Rectangular Tube Material	Stainless steel / aluminum / painting steel sheet			
Wall Material	Anti-static dustproof curtain			
Blower	Built-in centrifugal blower; speed adjustable			
UV Lamp	Emission of 253.7nm, with UV timer			
Air Velocity	0.1~0.6m/s, average 0.45m/s			
Noise	≤58db			
Power Supply	110/220V±10%, 50/60HZ			

Customized design for clean level, size or material is available



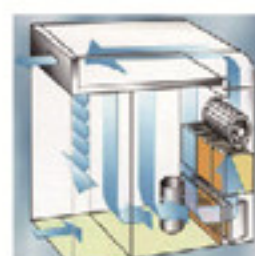
## Dispensing Booth (Sampling or Weighing Booth)



Customization Available



Reference Picture



Air Flow Pattern



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



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

## TECHNICAL PARAMETERS

Model	BKDB-1200	BKDB-1800	BKDB-2400
Clean Level	ISO 5 (Class 100), Class A		
HEPA Filters	99.999% efficiency at 0.3 um		
Air Volume	Supply air volume: ≤7500m <sup>3</sup> /h, Exhaust air volume: ≤2250m <sup>3</sup> /h; Adjustable		
Material	Fully stainless steel		
Air Velocity	0.35~0.65m/s, adjustable		
Noise	≤75db		
Illumination	≥800lux		
UV Lamp	Emission of 253.7nm		
Power Supply	110/220V±10%, 50/60Hz		
Consumption	400W	800W	800W
Weight	150kg	200kg	250kg
Work Area Size (W*D*H)	1200*1200*200mm	1800*1800*2000mm	2400*1800*2000mm
<b>Customized design for clean level, size or material is available</b>			



## Pathological Sampling Bench



### Configuration

UV light,  
Fluorescent light,  
Adjustable spotlight,  
Stainless steel hanger,  
"UV, FAN, LIGHT, PULVERIZER" Control.



### Suction Inlet

Suction inlet adopts louver-type.  
The upper mouting structure  
ensures above blower suction,  
avoiding air back-streaming.



### Water Tap and Sink

Stainless steel  
Whole-structure



### Auto Flushing Design

Automatic flushing device, slightly  
right-side inclined worktable, easy  
for waste discharge and cleaning.



### Pulverizer (Optional)

Completely smash the waste  
during test, to avoid blocking  
drainage pipes.

## APPLICATION

Pathological sampling bench is widely used in hospital pathology department, pathology laboratory, etc. Reasonable ventilation system protects operator away from the harmful gas produced by the formalin during sampling. The hot & cold water system ensures it can adapt work in different climates.

## ADVANTAGE

1. Odor-remove function.
2. Single water sink, two-person operations.
3. Exhaust air system: High-power suction device, low noise.
4. The base cabinet is inward-concave type, convenient for sitting operation.
5. Automatic flushing device, slightly right-side inclined worktable, easy for waste discharge and cleaning.
6. Optional water heater is available, realizing hot & cold water adjustment.
7. Optional pulverizer can completely smash the waste during test, to avoid blocking drainage pipes.

## TECHNICAL PARAMETERS

Model	QCT-1500	QCT-1800
External Size (W*D*H)	1500*750*1950mm	1800*750*1950mm
Internal Size (W*D*H)	1395*430*900mm	1695*430*900mm
Work Surface Height	900 mm	
Consumption	300W	
Power Supply	110/220V±10%; 60/50Hz	
Exhaust Airflow Volume	500-600m <sup>3</sup> /h	
Material	Main Body	304 stainless steel, thickness 1.2mm
	Work Table	304 stainless steel, thickness 1.5mm
Standard Accessories	Spotlight;  UV lamp;  Fluorescent lamp;  Exhaust system;  Automatic flushing device;  Stainless steel hanger;  Adjustable hot and cold water tap;  180mm deep stainless steel water sink, funnel with filter.	
Optional Accessories	Pulverizer, Electrical water heater, Automatic induction hand dryer, Eye washer, Camera.	