



## ULTRASONIC CLEANER BEV-801

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## CLEAN BENCH

Applicable in the field of protection of the biotechnology, pharmaceutical, life sciences and precision electronic products; Clean Bench combined with perfect airflow mechanical design for the operator to create a partial purification work environment so that experiments can be carried out smoothly;  
 Comply with Australia EN12469 and the European Union AS1386.5 standard, clean grade reach international ISO14644.1 standard CLASS5 (U.S. Federal 209E, 100 level)  
 IQ, OQ, PQ and other related certification services.  
 CE certification. Two-year warranty period.



**Microcomputer Control Technology**  
 Integrated LCD dot matrix LCD display, real-time display the status of lighting, sterilization, air flow and other parameters.  
 User-friendly design, with sterilization, lighting interlock function to protect the operator from UV light burning, and ensure safe operation.  
 Wind speed can be multi-level adjustable, the air volume can be adjusted according to the user.

**Clean Air Technology**  
 Centrifugal wind wheel low-power motor, based on airflow mechanics principle, arc-shaped large-diameter inlet design to reduce turbulence generated to ensure low noise operation of the system.  
 Reasonable duct design, optimized net press box, with micro-mesh design layer ou

## SPECIFICATIONS

Model	BEV-801
Cleanliness rating	0.3-0.6 m/s (Adjustable)
Wind speed	≤62
Noise (dB)	The international ISO 14644.1 standard, Class 5 (U.S. Federal 209E, 100 level)
Vibration half-peak value	≤3 μm (X, Y, Z direction)
High efficiency filter	Efficiency 99.99%
Illumination (LX)	≥300
Working environment	Ambient temperature 10-30°C, Relative humidity below 70%, No obvious vibration and dust around
Overall size (HxWxD, mm)	1585x990x735
Inner size (HxWxD, mm)	500x830x550
Supply Voltage (V/Hz)	Single phase AC220V/50Hz
Standard Power (W)	200
Net weight (KG)	120
Shipping weight (KG)	130
Packing size (HxWxD, mm)	1030x1180x855
Alt Name	Horizontal super clean bench

## ACCESSORIES FOR PURCHASE

No	Name
1	A Timed sterilization system
2	The filter failure alarm procedures
3	Programmable uv sterilization control procedures
4	Can be equipped with the ULPA ultra-high efficiency filter (rejection rate of up to 99.999%)

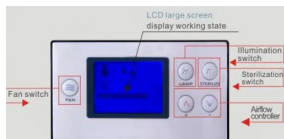
# FEATURES

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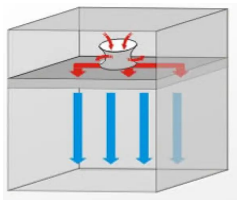
## Clean Air Technology

Centrifugal wind wheel low-power motor, based on airflow mechanics principle, arc-shaped large-diameter inlet design to reduce turbulence generated to ensure low noise operation of the system.

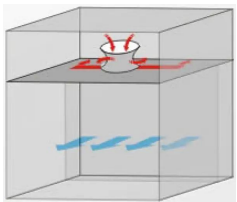
Reasonable duct design, optimized net press box, with micro-mesh design layer outflow wind deflector, non-convex, no dead corners, to ensure the uniformity and stability of the airflow.

Standard early-efficient and efficient double-filter, primary filter to avoid airflow dust particles to enter and extend the life of high efficiency filter. High efficiency filter without clapboard HEPA, retention efficiency of 99.99%.

According to the customer's requirements, with the vertical flow and horizontal airflow.



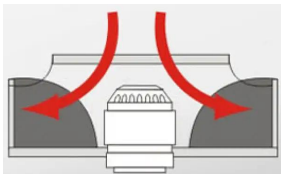
Vertical airflow



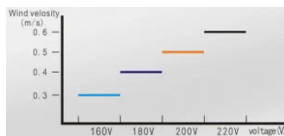
Horizontal airflow



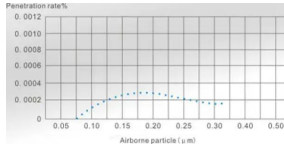
Mesh design wind board



No maintenance high efficiency fan system



Airflow uniform and stable technology



High efficiency filter system



The eversion front panel



Ergonomically Designed

## MORE INFO

Perfect environment purification expert

Classification of air cleanliness of international standard 1ISO14464-1

International units	Imperial units	0.1 µm (pc/m³)	0.2 µm (pc/m³)	0.3 µm (pc/m³)	0.5 µm (pc/m³)	1 µm (pc/m³)	5 µm (pc/m³)
ISO Class 1	--	10	2				
ISO Class 2	--	100	24	10	4		
ISO Class 3	1Class	1000	237	102	35	8	
ISO Class 4	10Class	10000	2370	1020	352	83	
ISO Class 5	100Class	100000	23700	10200	3520	832	29
ISO Class 6	1000Class	1000000	237000	102000	35200	8320	293
ISO Class 7	10000Class				352000	83200	2930
ISO Class 8	100000Class				3520000	832000	29300
ISO Class 9	--				35200000	8320000	293000



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