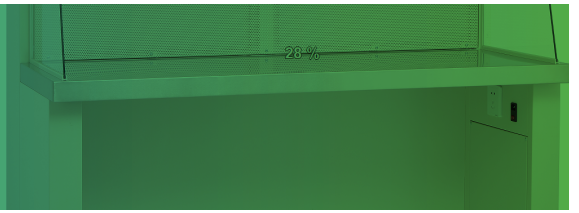


# Introduction to the cleaning workbench



Model: SX-YJ/CJ series

The clean workbench is designed to meet the cleanliness requirements of local working areas in modern industries, such as optoelectronics, biopharmaceuticals, and scientific research. It features ease of use, a simple structure, and high efficiency, making it widely used in fields like electronics, precision instruments, pharmaceuticals, and chemical experiments. The system draws air through a fan, which is then filtered by a high-efficiency filter in a static pressure chamber. The filtered clean air is delivered in either a vertical or horizontal airflow, maintaining the operating area under clean air control to achieve Class 100 cleanliness, ensuring that production meets environmental cleanliness standards. Clean workbenches can be categorized into vertical flow and horizontal flow types based on airflow direction, and single-sided and bilateral operation types based on operational structure. Depending on their purpose, they can also be classified as general clean workbenches or biological (pharmaceutical) clean workbenches.

## merit

- 1. Unidirectional airflow shape, quasi-closed stainless steel countertop, easy to clean and can effectively prevent external air from penetrating and the irritation of operation odor to human body;
- 2. Low noise fan, wind speed can be adjusted in multiple levels to ensure that the wind speed in the operating area is always in an ideal state;
- 3, high efficiency filter, can filter more than  $0.3\mu\text{m}$  dust;
- 4. Uv ultraviolet lamp sterilization to eliminate any potential microbial contamination;
- 5. Humanized design to improve the comfort of work, soft and bright photo studio lighting system to reduce the intensity of work;
- 6. Before the product leaves the factory, it is strictly tested according to the US Federal 209E standard, and the reliability is very high.

## function

- The average wind speed of the descending air flow is  $0.25\text{--}0.5\text{m/s}$
- Illuminance:  $\geq 300\text{LUX}$
- noise :  $\leq 62\text{dB}$
- Cleanliness: 100 grade
- Amplitude: less than or equal to  $4\mu\text{m}$
- Ultraviolet intensity:  $\geq 75\text{mW/m}^2$
- Settling bacteria: 0 per plate for 48H
- Power supply: 50Hz, 220V
- Follow YY/T1539-2017 and JG/T 292-2012 (workbench) standards

## apply

- Widely used in electronics, instrumentation, pharmaceutical, optics, plant tissue culture, scientific research institutions and laboratories
- This product is not a medical device and is for scientific research only

# Introduction to the cleaning workbench

parameter

## 一、Vertical flow workbench

model	YJ-800	YJ-1300	YJ-800B	YJ-1300B
Work area size	800*655*520 mm(W*D*H)	1300*655*520 mm(W*D*H)	800*690*520 mm(W*D*H)	1300*690*520 mm(W*D*H)
External dimensions	960*690*1600mm(W*D*H)	1460*690*1600mm(W*D*H)	960*720*1600 mm(W*D*H)	1460*720*1600 mm(W*D*H)
Direction of airflow	vertical current	vertical current	vertical current	vertical current
Applicable population	One person, one side	Two people, one side	Single person, double-sided	Two people, two sides
Cleanliness level	Dust particle size of 0.5μm or less than 3.5 particles (Class 100, US Federal 209E)			
Mean wind speed	0.25-0.6m/s			
Noise	≤62dB			
Amplitude	≤4μm			
Source	AC/220v/50Hz			
Power	0.25KW	0.5KW	0.5KW	0.5KW
Specifications for fluorescent and ultraviolet lamps	T5*1/15W*1	T8*1/30W*1	T5*1/15W*1	T8*1/30W*1

## 二、Desktop vertical flow workbench

model	YJ-850 (Desktop vertical flow)
Work area size	650*600*520mm(W*D*H)
External dimensions	800*640*860(W*D*H)
Direction of airflow	vertical current
Applicable population	1人
Cleanliness level	Dust particle size of 0.5μm or less and no more than 3.5 particles /L (100 level, US Federal 209E)
Mean wind speed	0.25-0.6m/s( adjustable )
Noise	≤62dB(A)
Amplitude	≤4um
Source	AC/220v/50Hz
Power	0.25KW
Specifications for fluorescent and ultraviolet lamps	T5*1/15W*1

## 三、Horizontal flow workbench

model	CJ-825	CJ-1300
Work area size	825*480*600mm(W*D*H)	1300*480*600mm(W*D*H)
External dimensions	900*700*1450mm(W*D*H)	1350*700*1450mm(W*D*H)
Direction of airflow	horizontal flow	
Applicable population	Single player level	Two people level
Cleanliness level	Dust particle size of 0.5 μm or less and no more than 3.5 particles/L (Class 100, US Federal 209E)	
Mean wind speed	0.25-0.6m/s( adjustable )	
Noise	≤62dB(A)	
Amplitude	≤4um	
Source	AC/220v/50Hz	
Power	0.25KW	0.5KW
Specifications for fluorescent and ultraviolet lamps	T5*1/15W*1	T8*1/30W*1



Suzhou Suxin Environmental Technology Co., LTD



One-to-one service



Quality three guarantees



factory direct sale