

Clean Bench

A clean bench is a highly versatile air filtration device. It is widely used in laboratories, biopharmaceuticals, optoelectronics, microelectronics, hard disc drive manufacturing, and other precision industries

Product Features

- Horizontal and vertical laminar airflowoption for flexible process
- Maintains ISO Class 5 standards within the work zone
- HEPA filter with adjustable air speed ensures stable airflow and prevents backflow
- SUS304L brushed stainless steel construction for easy cleaning and disinfection
- Anti-backflow structure and air volume compensation system maintain continuous cleanliness

Standard Configuration

- Enclosure Material: SUS304/SUS304L brushed stainless steel plate
- Filtration System: Brand HEPA filter
- Airflow System: Low-noise centrifugal fan
- Control & Power: Microcomputer-based control with flexible outlet configuration

Optional Configuration

- Enclosure Material: SUS304/SUS304L anti-fingerprint stainless steel panel
- Filtration System: Brand Gel seal HEPA filter
- Airflow System: Imported low-noise centrifugal fan
- Structural Design: Removable and U.V. resistant tempered glass side walls
- Intelligent Control: Siemens touchscreen with PLC system
- Sterilization Unit: UV lamp with timer, delay, scheduling, and interlock functions

Product Highlights

- Enhanced Visibility: Glass side walls provide excellent illumination
- Easy Maintenance: Lift-up glass window allows for thorough cleaning access
- Integrated Safety: Built-in UV sterilization function improves workflow efficiency and operator protection

Standard Models & Technical Parameters

Model	External Dimensions (WxDxH) mm	Internal Dimensions (WxDxH) mm	Cleanliness Level	Airflow Velocity m/s	HEPA filter size (LxWxD) mm /Qty	Table Type
BGZT-081070	1080x770x1800	840x700x550	ISO 14644-1 Class 5	0.45±20%	720x610x93/1	Single-Person, Single-Side Vertical Airflow
BGZT-130070	1460x770x1800	1300x700x550			590x610x93/2	Double-Person, Single-Side Vertical Airflow
BGZT-082048	900x750x1450	820x500x600			650x500x93/1	Single-Person, Single-Side Horizontal Airflow
BGZT-168048	1760x750x1450	1680x500x600			740x500x93/2	Double-Person, Single-Side Horizontal Airflow



▲ Touchscreen Controller for clean bench