



CYTOTOXIC SAFETY CABINET BJU-1501

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CYTOTOXIC SAFETY CABINET (WITH SIDE WINDOW)

The Cytotoxin Safety Cabinet is a safety equipment specifically designed to handle toxic chemicals (such as cytotoxins, anti-tumor drugs, etc.) and high risk biological samples. Suitable for experiments involving volatile or toxic substances. It's primarily intended to protect Operators, Samples and Environment, reducing exposure to aerosols or toxic substances.



SPECIFICATIONS

Model	BJU-1501
Internal Dimensions (W*D*H)	910*600*630mm
External Dimensions (W*D*H)	1090*760*2100mm
Tested Opening	Safety height 200mm(8")
Maximum Opening	440mm
Work Surface Height	800mm
Display	7" LCD Touch Screen, Microprocessor;
Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm
Downflow Velocity	0.33m/s±0.025m/s
Inflow Velocity	0.53m/s±0.025m/s
Exhaust Air Volume	347m³/h
Supply Filter	ULPA filter, efficiency>99.99995% for particle size at 0.1~0.3µm
Exhaust Filter	ULPA filter: first exhaust filter: 0.1~0.3µm efficiency 99.99995%;
Main Body	Cold-rolled steel with anti-bacteria powder coating
Work Surface	304 stainless steel
Front Window	Motorized, two-layer laminated toughened glass ≥6mm, anti-UV
UV Lamp	20Wx1
LED Lamp	12Wx2
Waterproof Socket	Two, total load of two sockets: ≤500W
Consumption	700W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Illumination	≥1000Lux
Sound Emission	≤67dB(A)
Standard Accessory	1.Side Window; 2.Base Stand; 3.Drain Valve; 4.Waterproof Socketsx2; 5.LED Lampx2; 6.UV Lampx1;
Gross Weight (kg)	Main Unit: 290
Shipping Size (WxDxH)(mm)	Main Unit: 1210x1080x1770
Shipping Volume (m³)	2.83

Alt Name	Cytotoxic Safety Cabinet (With Side Window)
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APPLICATIONS

- Preparation and compounding of antitumor drugs.
- Virus and genotoxicity experiments.
- Microbiology and molecular biology research.
- Gene editing experiments (such as CRISPR/Cas9 experiments).
- Handling of high-risk reagents in pharmaceutical and biotechnology experiments.



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