BioLAB

PRODUCT CATALOG

CYTOTOXIC SAFETY CABINET

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CYTOTOXIC SAFETY CABINET BJU-1501 BJU-1502

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	BJU-1502
Internal Dimensions (W*D*H)	910*600*630mm	1220*600*630mm
External Dimensions (W*D*H)	1090*760*2100mm	1380*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	465m³/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	30Wx1
LED Lamp	12Wx2	16Wx2
Waterproof Socket	Two, total load of two sockets: ≤500W	
Consumption	700W	900W
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	Main Unit: 335
Shipping Size (WxDxH)(mm)	Main Unit: 1210x1080x1770	Main Unit: 1420x1080x1770
Shipping Volume (m³)	2.83	3.3

Alt Name	Cytotoxic Safety Cabinet (With Side Window)

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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