

LABTRON



CYTOTOXIC SAFETY CABINET LCSC-A1 SERIES

www.labtron.com | info@labtron.com

CYTOTOXIC SAFETY CABINET LCSC-A10

Cytotoxic Safety Cabinet LCSC-A10 comes with Safety Height 200 mm (8 inches) of test opening, 440 mm (17 inches) of maximum opening, 465 m³/h (273 cfm) of exhaust volume and 0.73m³ of internal work area. Maintaining cleanliness within the work zone for patient safety and product cleanliness. Provide highest level of operator safety to protect the user's personnel from hazardous compounds used in cytotoxic drugs. Incorporated with an advanced range of additional safety features. Spacious knee room is provided for the operator in a sitting position, ensuring comfort during use.

CYTOTOXIC SAFETY CABINET LCSC-A11

Cytotoxic Safety Cabinet LCSC-A11 comes with Safety Height 200 mm (8 inches) of test opening, 440 mm (17 inches) of maximum opening, 347 m³/h (204 cfm) of exhaust volume and 0.55m³ of internal work area. Maintaining cleanliness within the work zone for patient safety and product cleanliness. Provide highest level of operator safety to protect the user's personnel from hazardous compounds used in cytotoxic drugs. Incorporated with an advanced range of additional safety features. Spacious knee room is provided for the operator in a sitting position, ensuring comfort during use.

FEATURES

- ◆ Microprocessor controller supervises all functions
- ◆ Equipped with remote control for realization of all functions
- ◆ Easier and more convenient operation
- ◆ Large LCD digital display, easy to monitor all the safety parameters
- ◆ Improvement of users interface by ergonomically sized control panel
- ◆ Water and gas taps is made up of high quality stainless steel
- ◆ UV lamp emits 253.7 nm for decontamination
- ◆ Built in with bag in and bag out filter with PVC bag
- ◆ PVC bag ensures safety of personnel and environment with Convenient and quick replacement process
- ◆ Motorized front window with anti-UV protection
- ◆ Two layer laminated toughened glass of 5 mm
- ◆ Spacious knee room maximizes operator comfort

APPLICATIONS

Cytotoxic Safety Cabinet used in pharma industry, chemotherapy for preparing drugs. It is a solution for cytotoxic and antineoplastic drug processing, providing the highest level of patient, pharmacist and environmental protection.

SPECIFICATION

Model	LCSC-A10	LCSC-A11
Exhaust Volume	465 m ³ /h (273 cfm)	347 m ³ /h (204 cfm)
Tested Opening	Safety Height 200 mm (8 inches)	Safety Height 200 mm (8 inches)
Max Opening	440 mm (17 inches)	440 mm (17 inches)
Internal Work Area, Space	0.73 m ³	0.55 m ³
Inflow Velocity	0.53 m/s	0.53 m/s
Down Flow Velocity	0.33 m/s	0.33 m/s
Air Supply Filter	ULPA filter, efficiency > 99.999 % for particle size at 0.12 μm	ULPA filter, efficiency > 99.999 % for particle size at 0.12 μm
Exhaust Filter	2 pieces HEPA filters, efficiency > 99.999 % for particle size at 0.3 μm	2 pieces HEPA filters, efficiency > 99.999 % for particle size at 0.3 μm
	Filter life indicator and filter working time indicator	Filter life indicator and filter working time indicator
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height	Abnormal airflow velocity; Filter replacement; Front window at unsafe height
Noise	EN 12469 ≤ 58 dB/NSF 49 ≤ 61 dB	EN 12469 ≤ 58 dB/NSF 49 ≤ 61 dB
Water And Gas Tap	Water Tap×1, Gas tap×1	Water Tap×1, Gas tap×1
UV Lamp	30 W×1	18 W×1
	Emission of 253.7 nanometres for most efficient decontamination	Emission of 253.7 nanometres for most efficient decontamination
	UV life indicator	UV life indicator
LED lamp	16 W×2	12 W×2
Illumination	≥ 1000 lux	≥ 1000 lux
Consumption	900 W	700 W
Waterproof Socket	Two; Total load of two sockets: ≤ 500 W	Two; Total load of two sockets: ≤ 500 W
Display	LCD Display	LCD Display
Control System	Microprocessor	Microprocessor
Humidity And Temperature	Humidity and temperature can be displayed on the control panel	Humidity and temperature can be displayed on the control panel
Material	Work Area:304 stainless steel	Work Area:304 stainless steel
	Main Body: Cold- rolled steel with anti-bacteria powder coating	Main Body: Cold- rolled steel with anti-bacteria powder coating
Front Window	Motorized, two-layer laminated toughened glass ≥ 5 mm, anti UV	Motorized, two-layer laminated toughened glass ≥ 5 mm, anti UV
Caster	Foot master Caster	Foot master Caster
Power Supply	AC 220 V ± 10 %, 50/60 Hz; 110 V ± 10 %, 60Hz	AC 220 V ± 10 %, 50/60 Hz; 110 V ± 10 %, 60Hz
Internal Size (W×D×H)	1220×600×630 mm	910×600×630 mm
External Size (W×D×H)	1380×760×2100 mm	1087×760×2100 mm
Package Size (W×D×H)	1540×910×2280 mm	1080×910×2280 mm
Gross Weight	371 kg	320 kg

STANDARD ACCESSORIES

Accessories No.	Accessories Name	Unit
1.	Base Stand	1 Piece
2.	Drain Valve	1 Piece
3.	Waterproof Sockets	2 Pieces
4.	Remote Control	1 Piece
5.	UV Lamp	2 Pieces
6.	LED Lamp	1 Piece
7.	Water Tap	1 Piece
8.	Gas Tap	1 Piece

OPTIONAL ACCESSORIES

Accessories No.	Accessories Name
1.	Armrest
2.	Formalin Fumigation Sterilizer
3.	Infrared Sterilizer
4.	Airflow Tester
5.	PVC Duct