

# CYTOTOXIC SAFETY CABINET

## DESCRIPTION

Cytotoxic Safety Cabinet is the greatest solution for cytotoxic/antineoplastic drug processing for use in chemotherapy. The special conditions in handling and preparing cytotoxic drugs require a specialized cabinet, therefore this cabinet is design especially for handling these potentially dangerous drugs, providing the highest level of protection for patient, pharmacist and environmental.

## TECHNICAL PARAMETERS

MODEL	CYTO-I
Inflow Velocity	0.53 m/s
Downflow Velocity	0.33 m/s
Exhaust Volume	465 m <sup>3</sup> /h
Airflow System	70% air recirculation, 30% air exhaust
Front Window	Motorized
Max Opening	440 mm
Tested Opening	Safety height 200 mm
Air Supply Filter	ULPA Filter, efficiency > 99.999% for particle size at 0.12 μm
Exhaust Filter	2 HEPA Filters, efficiency > 99.999% for particle size at 0.3 μm
Noise	EN 12469 ≤58 dB / NSF 49 ≤61 dB
Illumination	≥1000 Lux
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time, etc.
UV Lamp	30 W, emission of 253.7 nm
LED Lamp	16 W
External Size	1380 x 760 x 2100 mm



Ecoshel reserves all the rights to changes in product design, if there are any design change, we will not inform in advance.



Internal Size	1220 x 600 x 630 mm
Gross Weight	371 kg
Material	Front Window: Two-layer laminated toughened glass $\geq 5$ mm Work Zone: 304 stainless steel Main Body and Base: Cold-rolled steel with anti-bacteria powder coating
Consumption	900 W
Power Supply	AC 110V $\pm$ 10%, 60Hz

## **STANDARD ACCESSORIES**

1. Base stand with footmaster caster
2. Remote control
3. Keys
4. Waterproof sockets
5. LED lamp
6. UV lamp
7. Water tap
8. Gas tap
9. Drain valve

## **KEY FEATURES**

1. Remote control: all functions can be realized with it, making the operation easier and more convenient.
2. Audio and visual alarm when filter replacement, front window at unsafe height and abnormal airflow velocity.
3. Interlock function: UV lamp and front window; UV lamp and blower; UV lamp and LED lamp; blower and front window.
4. Bag in and bag out filter: PVC bag can ensure safety of personnel and environment and make replacement process convenient and quick.

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