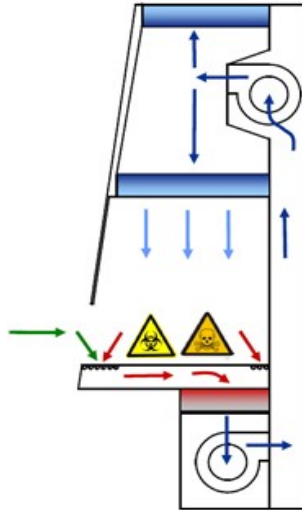## Cytotoxic Safety Cabinet

Cytotoxic Safety Cabinet are Cytotoxic Drug (also cytotoxic chemotherapy) and Microbiological Safety Cabinets designed and built to performance requirements of the EN 12469:2000 and DIN 12980:2005-06 European Standards. They are **triple HEPA filter technology cabinet,** with 100% of the air filtered via the main H14 HEPA/ULPA filter directly below the work surface and then 70% of the air re-circulated via the recirculating H14 HEPA/ULPA filter within the cabinet, whilst the remaining 30% is discharged through an exhaust H14 HEPA/ULPA filter.

Product Feature

- ❖ LCD Display
- ❖ Gas Taps
- ❖ UV Lamp
- ❖ LED Lamp
- ❖ Front Window
- ❖ Bag In and Bag Out Filter
- ❖ Base stand
- ❖ Waterproof sockets

Model	CytoSafe-42	CytoSafe-48	CytoSafe-60
External size (W*D*H) Inches	W42 x D30 x H72	W48 x D30 x H72	W60 x D30 x H72
Work area Dimension Inches	W36 x D24 x H24	W42 x D24 x H24	W54 x D24 x H24
Tested Opening	Safety Height 200 mm(8'')		
Max Opening	440mm(17'')		
Air flow motor quantity	2		
Hepa Filter Quantity	3		
Inflow Velocity	0.5±0.025 m/s		
Down Flow Velocity	0.33±0.025 m/s		
Filter Efficiency	Hepa filter, efficiency>99.999% for particle size at 0.3µm		
7 Inches HMI Touch Screen Display	❖ High resolution touch screen, beautiful and generous interface, multiple groups of data displayed on one screen, convenient operation, ❖ Intelligent fuzzy control, accurate wind speed control; ❖ Real time monitoring of operation status and accumulated operation time of fans, filters, etc., with alarm function; ❖ More humanized lighting and UV functions; ❖ It has the function of operation log to enhance the traceability of experiments; ❖ It has the scheduled operation function and timing function; ❖ It has the screen locking function to avoid human touch operation errors;		
Controller	Microprocessor PID Controller		
Alarm	Abnormal airflow velocity; Filter replacement; UV Life indicator		
Noise	EN12469≤58dB/NSF49≤ 61 dB		
Water &Gas Tap	Water Tap*1, Gas tap*1		
UV lamp	18 W*1; Emission of 253.7nanometers for most efficient decontamination		
LED Lamp and Illumination	16 W*2 and Illumination≥1000 lux		
Consumption	700 W	800	1200
Waterproof Socket	Two ; Total load of each sockets :≤1000W		
Material	Work Area: SS304 Main Body :Cold-rolled steel with anti-bacteria powder coating		
Front Window	Manual, anti UV policarbonate≥5mm.		
Power Consumption	700 W	800	1200
Power supply	AC220V± 10%,50/60HZ		
Gross weight Approximate	150kg	200 Kg	250 kg