

CYTOSTATIC SAFETY CABINET

Model BBC CITOSTAT

"Leave your Safety Cabinet will explain"

CHARACTERISTICS

- Safety cabinet for the handling of cytostatic and neoplastic products.
- System of warning /alarm messages by voice, "the cabin explains what happens and suggests the consequent actions".
- Work area and work surface made of stainless steel AISI 304. The work surface has a well for easy cleaning and collection of liquids with a capacity no less than 4000 ml and one drain valve collecting under collecting tank and it is convenient for cleanliness.
- Front panel of multi-layer doubling toughened glass. Electronically moving with pedal, control board or remote.

The cabin is equipped with 3 stages of filtration (HEPA filters H14), you can add a fourth carbon filtration:

- Specific HEPA or ULPA filter located below the work surface, following regulations
- Recycled air is filtered through an absolute HEPA H14 filter (99.995% MPPS efficiency EN 1822 Standard) and is sent to the work area at a speed between 0,25 m/s – 0,50 m/s.
- Exhausted air is filtered by a separate absolute HEPA H14 filter (99.995% efficiency MPPS EN 1822 Standard), especially for such purpose.
- Work area maintains laminar flow conditions with ISO 4 type air purity (according to ISO 14644) or Class 10 (according to Fed. Std. 209).
- Protection barrier in the work area with a speed similar or greater than 0.5 m/s.
- Cabinet controlled by microprocessor and screen for easy visualisation of the cabinet control parameters (speeds, flows, plenum pressure, expulsion barriers, etc...)



- Easy to use tactile panel with a security key for control of white / ultraviolet
- Speak alarms for detecting problems in the impulsion system and the negative pressure protection barrier and opening of doors.
- Illumination LED and ultraviolet excluding.
- Working voltage 220 V. 50/60 Hz.
- The cabinet includes U.V. light as a standard

Optional accessories:

- Gas connection with electronically controlled valve and Vacuum connection.
- Fourth stage filtration active charcoal for aerosols.
- G3 Filter
- Computerized Cabin: Includes integrated Monitor, connection to USB, VGA, HDMI, external keyboard holder tray. Consult computerized model.

MAIN OFFICE

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DELEGATIONS

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ADVANTAGES

- ❖ Safety Cabinet for cytostatics and neoplastic products designed and built according to the regulations.
- ❖ Voice messages, indicating problems and incidents.
- ❖ THREE stages of filtration, one of them located underneath the work surface, to avoid contamination of the cabinet.
- ❖ Display LCD. The Cabinet, filter and UV working time, Inflow and down flow speed, and temperature, humidity)
- ❖ Remote control. Every function could be realized 6 meters away from the cabinet by remote controller, this can protect the operator's safe under emergency.
- ❖ Ergonomically tested, thanks to the noise level is below 40 dBA below the level required by regulation 65 dBA.
- ❖ Wide and curved armrests for comfort on the forearm in any position.
- ❖ Monitoring and setting the clogging of filters by minimizing the cost of replacing them.

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TECHNICAL SPECIFICATIONS

MODEL	BBC CITOSTAT	BBC CITOSTAT1.8
Internal size (mm)	1220 x 600 x 630	1700 x 600 x 630
External size (mm)	1375 width x 750 depth x 2600 high with wheels	1877 width x 750 depth x 2260 high with wheels
Transport Dimensions	1570 x 950 x 2520	2040 x 950 x 2520
Weight	371 kg	430 kg
Material	Work area and surface made of stainless steel AISI 304	
Control System	Microprocessor with updateable FLASH Memory, with voice warning	
Display	LCD	
Filters lower, main and exhaust	HEPA H14 filter with 99,995% mpps According EN1822	
UV light	30 W * 1	40 W * 1
Barriers	> o = a 0,50 m/s	
Laminar Flow speed	Between 0,25 m/s - 0,50 m/s	
Air Circulation	70%	
Air Exhaust	30% (aprox. 600 m3/h)	
Front Panel	Multi-layer doubling toughened glass. Electronically moving with pedal, control board or remote.	
Classification of air purity	Class 10 / ISO 4	
Level noise	< o = a 40 db	
Illumination	> 1100 lux	
Power	220 V 50/60 Hz	
Protection Level	Class II B	
Applied standards	DIN 12980:2005, UNE EN 12469: 2005	

ORDER REFERENCES

Reference	Description
00-BBC-CITOSTAT.INF	High microbiological safety cabin C10 mod. BBC-1300 CYTOSTATICS WITH INTEGRATED COMPUTER SYSTEM.
00-BBC-CITOSTAT.1.8 INF	High microbiological safety cabin C10 mod. BBC-1700 CYTOSTATICS WITH INTEGRATED COMPUTER SYSTEM.



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