

# CYTOSTATIC SAFETY CABINET

## Model BBC CITOSTAT WITH SOFTWARE

"Leave your Safety Cabinet will explain"

### GENERAL SPECIFICATIONS

- 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 o greater than 0.5 m/s.
- Cabinet controlled by microprocessor with tactile board for easy visualisation of the cabinet control parameters (speeds, flows, plenum pressure, expulsion barriers, etc...)



- The cabinet has an easy to use tactile panel with a security key for control of white / ultraviolet
- Automatic electronic system regulating motor speed to adapt to progressive filter saturation and protection conditions.
- Alarms for detecting problems in the impulsion system and the negative pressure protection barrier and opening of doors. "the cabin explains what happens".
- Illumination LED or ultraviolet.
- Working voltage 220 V. 50/60 Hz.
- The cabinet includes U.V. light as a standard.
- **The computerized cabin includes:**  
**Integrated rear-Wall Monitor.**  
**4 x USB connectors (2 inside and 2 outside)**  
**1 x outdoor VGA connector (optional HDMI)**

#### Optional accessories:

- Gas connection with electronically controlled valve and Vacuum connection.
- Fourth stage filtration active charcoal for aerosols.
- **SIDE TABLE FOR COMPUTER.**

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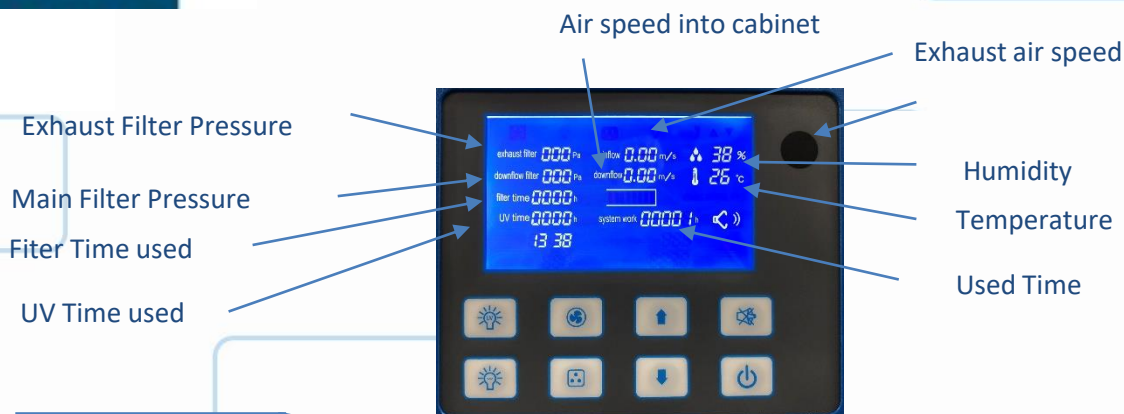
#### DELEGACIONES

Catalunya. Tel. +34 676 351 264  
Galicia. Tel. +34 639 486 955  
Andalucía. Tel. +34 639 481 756



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### ADVANTAGES

- ❖ Safety Cabin for Cytostatic and neoplastic products designed and built according to applicable regulations.
- ❖ Voice messages, indicating problems and incidents.
- ❖ Three filtration stages, one of them located below the work surface, to avoid contamination of the interior of the cabin.
- ❖ LCD Display. All the functions visible on the screen (laminaridad, barriers, temperature, humidity, filter silting, etc...)
- ❖ Remote Control. All the functions of the cabin can be controlled within six meters of distance, in order to protect the user in case of emergency.
- ❖ Ergonomically tested, thanks to the noise level which is less than 40 dBA, below the level required by Regulation 65 dBA.
- ❖ Wide, curved armrest provides comfort in the forearm in any working position.
- ❖ Monitoring and adjustment of the silting of the filters minimizing the cost of substitution of these.



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### TECHNICAL SPECIFICATIONS

MODEL	BBC CITOSTAT	BBC CITOSTAT 1.8 INF
Internal size (mm)	1220 x 600 x 630	1700 x 600 x 630
External size ( mm)	1374 width x 750 depth x 2260 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	317 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% efficiency at 0,3 microns.. According EN1822	
UV light	30 W * 1	40 W * 1
Barriers	> o = a 0,50 m/s	
Laminar Flow speed	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 o remote.	
Classification of air purity	Class 10 / ISO 4	
Level noise	< o = a 40 db	
Illuminattion	> 1100 lux	
Power	220 V 50/60 Hz	
Integrated monitor	YES	
USB	4 (2int + 2 ext)	
VGA or HDMI	YES (ASK FOR THEM)	
Applied standards	DIN 12980:2005, UNE EN 12469: 2005	

### ORDERING INFORMATION

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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