

### Characteristics

- Biological safety cabin type: CLASS II according to EN 12469 regulation.
- Work area and work surface built in stainless steel AISI 304.
- Sliding front glass with alarm position. Automatic or Manual.
- Glass side walls.
- The recycled air is filtered by an absolute ULPA U15 filter (efficiency 99.9995% MPPS Standard EN1822) and sent to the work area at a speed of 0.45 m/s
- Partial air recirculation according to regulations: 30% ejection and 70% recirculation.
- The air expelled to the outside is filtered by an absolute filter ULPA U15 (efficiency 99.9995% MPPS Standard EN1822) independent dedicated to this purpose.
- Work area maintains laminar flow conditions with an air purity type ISO 4 (According to ISO 14644) or Class 10 (according to Fed. Std. 209).
- Protection barrier in work area with speed greater than 0.53 m / s.
- Microprocessor-controlled cab with upgradeable FLASH memory and external color touch display for easy visualization of cabin control parameters (speeds, flow rates, plenum pressure, ejection barriers, humidity, temperature, etc ...).
- The cab is easy to operate for white/ultraviolet lighting control, internal electrical outlet.
- Alarms to detect problems in the drive system and the protection barrier by negative pressure and door opening, by voice and light warning on the screen.

- Fluorescent and UV lighting excluded.
- Working voltage 110-220 V. 50/60Hz. Maximum current consumption 4 A. (approx. 800 w.).
- Standard cabin Includes U.V. light; 2 Electrical outlets of 110-220 volts.

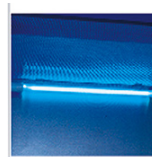
### Optional Accessories:

- Gas intake with electronically controlled valve.
- Vacuum socket.
- Hydrogen Peroxide decontamination connector.





**Display Touch Color**



**UV**



**Interior Steel  
Stainless**



**Plugs**



**Stepper motor**

### Advantages

- ❖ Biological safety cabin CLASS II according to EN 12469-2000 and also meets the main requirements NSF 49 (Class II type A2/B3) and BS 5726/:2005
- ❖ Display Touch Color. All the functions visible on the screen (laminarity, barriers, temperature, humidity, filter clogging, etc ...).
- ❖ Access Control by key and /or code. With time-based operation functions for different parameters.
- ❖ Ergonomically tested, thanks to the noise level that is less than 55 dBA, below the level required by the 65 dBA regulation.
- ❖ Monitoring and adjustment of the clogging of the filters minimizing the cost of replacing them.

### Specifications

MODEL	BSC-T-700
Workspace	600 x 500 x 540 mm
Exterior dimensions	700 x 650 x 2000 mm
Transport dimensions	850x 880 x 1500 mm
Weight	100 kg
Weight (transport)	170 kg
Material	Work area and constructed surface in stainless steel AISI 304
Control system	Microprocessor with flash memory
Display	Touch Play (color)
Main filter	ULPA U15 absolute filter with an efficiency of 99.9995% mpps according to EN1822
Display filter	ULPA U14 absolute filter with an efficiency of 99.9995% mpps according to EN1822
Barrier	0,53 m/s
Laminar flow	0,33 m/s
Air recirculation	70%
Air exposure	30%
Front glass	Automatic electronic sliding (tempered safety glass)
Air purity rating	Class 10 and ISO 4
Noise level	<55 dB
Lighting	8W * 2 >1000LUX
Ultraviolet lamp	15W*1 (UV life indicator: 254 nm)
Regulations applied	NSF 49, ONE EN 12469, ONE EN 13485, EN 61010

### Reference for Orders

Código	Descripción
425-BSC-T-700	High microbiological safety cabin C10 mod. BSC-T-700 ADVANCE