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Bio safety cabinet BSC-700II A2G

This miniature Class 2 safety workbench offers security on a minimum of space.
The protection of the user as well as the safety of the samples is ensured by the two HEPA filters with an efficiency of 99.995% at 0.3 microns. Contamination of the working area is avoided due to 70% of circulating air, of which 30% are emissive. An air-flow gauge (velometer) monitors the speed of air at the front and will activate an alarm (audiovisual), if the fan malfunctions. The unit may be placed on a desk without any problems.
Therefore, it is easily and quickly assembled in a laboratory at a moment's notice. The use of the unit is very easy and fool-proof. On pressing a button, the safety screen is going up and down; it is locked in every possible position.
The sockets, the working area light and the UV light can be connected to the unit by pressing a button. However, the UV light is only switched on when the safety screen is closed, while the fan, which is also activated by pressing a button, is only switched on when the safety screen is opened.

Standard features

- Electrical sliding window
- UV light, to be positioned freely
- 2 sockets, can be disconnected from outside
- Electronically controlled air stream
- Automatic readjustment of fan
- Stainless-steel working surface
- Quiet fan drive with low vibration
- Digital air flow indication
- Main switch as key-operated switch

Technical Details:

External Dimension (mm)	700 x 650 x 1200 (W x D x H)
Working zone Dimension (mm)	600 x 500 x 540
Material	Working interior 304 Stainless steal
Mainfilter HEPA (AAF)	effeciency 99.99% at 0.3 micro
Exhaustfilter HEPA (AAF)	effeciency 99.99% at 0.3 micro
Input Airflow	0.53 m/s
Output Airflow	0.33 m/s
Air Circulation	70%
Air Exhaust	30%
Controlsystem	Microprocessor
Front Sash	Sliding, made of multi-layer toughened glass
Clean Level	Class 10
Noise Level	$\leq$ 60db
Vibration	$\leq$ 5µm rms
Light	$\geq$ 680 Lux
UV Lamp	for Sterilization
Power	AC 220V 50Hz
Power Supply	800W
Safety Standard	EN12469