



Biosafety cabinet Class II According DIN EN 12469

BSC 1400II

Width 140 cm

In Safety Cabinets Class II (Biological Safety Cabinet) about 70 % of the intake air flow pass through the down-flow filter and equally flow on top of the work surface and down as an "air curtain" along the partially open front window (laminar flow) .
About 30 % of the partially circulating air in the BSC will flow back to the environment through the outstream filter. Both the incorporated HEPA filters (Retention Rate 99.995 % at 0.3 microns) and the laminar flow prevent contamination in either way:

- Product against user and the environment
- User against product and environment
- Product against product



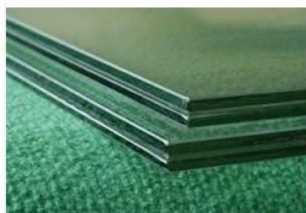
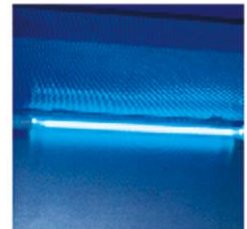
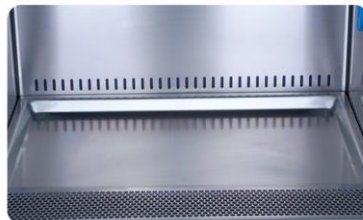
Standard characteristics for the New Benchtop Biological Safety Cabinet:

- Electrically adjustable toughened safety glass
- Stainless steel work area, base plate removable for cleaning
- Control panel with LCD display: all functional and operational parameters are indicated simultaneously
- Remote control (max. distance 6 meters, useful in an emergency situation) .
- Energy -saving Work light
- UV – radiator (254nm) in the working chamber
- 2 power supply sockets, switchable over control panel
- Electronically controlled air stream, various failure Alarms
- Main switch is key operated
- Timer for START, STOP, UV radiation
- Voice announcement of alarms and various operation conditions
- Stable rack on wheels

Optional accessories: armrests and other accessories on demand

Technical Specifications:

Model	BSC-1400II	
External Size(W*D*H)	1383x775x2295mm	
Internal Size(W*D*H)	1210x660x660mm	
Work Surface Height	750mm	
Max Opening	550mm (22")	
Tested Opening	Safety height 200mm (8")	
Airflow Volume	Inflow	465m3/h(275cfm)
	Down flow	64%:868m3/h(498cfm)
	Exhaust	36%:488m3/h(287cfm)
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV	
HEPA Filter	Two, 99.999% efficiency at 0.3um, filter life indicator	
Filter Guard Type	Aluminum alloy frame	
Noise	EN 12469≤60 dB	
Illumination	≥1000Lux	
Display	LCD Display	
Waterproof Socket	2, Total consumption:≤500W	
Tap	Water tap*1, Gas tap *1	
Ground Resistance	≤ 0.10Ω	
Power Supply	AC230V, 50Hz ,	
Consumption	≤600W	
Alarm	Abnormal airflow velocity; Filter change; Front Window over height	
Motor	One ECM motor, 110V& 220V acceptable, Speed adjustable, high efficiency and low power consumption	
Material	Working area: 304stainless steel Frame and Decorative Plate: cold-rolled steelwith anti-bacteria power coating	
UV Lamp	30W Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination	
Standard Accessory	Fluorescent lamp, UV lamp *2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks, Remote control	
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer,Infrared sterilizer, Adjustable base stand, Remote control	
Package Size (W*D*H)	1540*1080*1900mm	
Gross Weight	334kg	



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