

VERTICAL LAMINAR FLOW CABINET

Model BBS SDC 1400

Description

- Vertical Laminar Flow Booth to provide complete protection to the working material. Equipped with an overload-protected centrifugal motor that is extraordinarily quiet.
- The recycled air is filtered by an H14 HEPA absolute filter (99.995% MPPS EN1822 Standard) and sent to the work area at a speed of 0.45 m/s \pm 0.1.
- Work area maintains laminar flow conditions with ISO 5 (per ISO 14644) or Class 100 (per Fed. Std. 209) air purity.
- Work surface made of AISI 304 stainless steel.
- Manually sliding front glass.
- Microprocessor-controlled cabin with upgradable FLASH memory and an external display for easy visualization of cabin control parameters (speeds, flow rates and plenum pressure)
- The cab is equipped with an easy-to-use touch panel for white/ultraviolet lighting control,
- Automatic electronic engine speed regulation system to adapt to the progressive saturation of the filter and protection conditions.
- Fluorescent and Ultraviolet lighting.



- Working voltage 220V 50Hz. Maximum current consumption 2 A (approx. 500 W)
- Standard cab includes U.V. light; 2 x 220 volt electrical outlet.

Accessory Included:

- Unit Support Table

Optional Accessories:

- Vacuum and gas outlet

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Technical information

MODEL	BBS SDC
Workspace	1340 x 540 x 545 (WxD xH)
External dimensions (mm)	1440 x 615 x 1770 mm (W x D x H)
Weight (kg)	175
Material	Steel work area in epoxy. Work surface made of AISI 304 stainless steel
Control System	Microprocessor with Flash Memory
Display	LCD display
Main Filter	Hepa H14 absolute filter with an efficiency of 99.995% mpps according to EN 1822
Laminar Flow	0,33 - 0,50 m/s
Air Purity Rating	Class 100/ISO5
FRONT WINTOW	Manual opening
SIDE WINDOWS	NO
Noise level	≤ 65 db
Vibration	≤2 µm rms with a frequency 10 hz to 10 kHz
Lighting	1 x 16 W ≥ 680 lux
ultraviolet	1 X 30 W
Power	220 v, 50/60 hz
Consumption	650 W

Order reference

Reference	Description
425-BBS-SDC	VERTICAL LAMINAR FLOW CABINET 1400 MODEL BBS-SDC