

Laminar-flow cabinet BIO160 CYTO

🏠 [Laminar airflow Safety class II > Laminar-flow cabinet BIO160 CYTO](#)



Description

- vertical laminar air flow
- 3 HEPA filters with efficiency of 99.995% for MPPS
- exhaust carbon filter in compliance with DIN 12980
- microprocessor control system with touchscreen in Polish/English or any other language
- automatic filter compensation ensures constant and safe speed of air flow in the cabinet
- hour timer of the cabinet and UV lamp operation
- adjusted air flow
- clear and easy-to-use control panel-optical and acoustic signals
- silent fans, noise level below 56 dB
- front window made of tempered double glass without frame, inclined at an angle of 8°, electrically raised and lowered, with a possibility to shut it completely – closing the workspace
- split worktop (5 autoclavable boards), made of stainless steel
- internal workspace made of stainless steel
- permanently fixed UV lamp in the upper part of the workspace, protected from accidental switching on during operation
- white fluorescent lightning system min. 1400 lux
- workspace sides with window openings
- workspace equipped with a drain made of stainless steel for easy cabinet decontamination and cleaning
- four power sockets inside workspace
- removable armrest
- frame with lockable castors
- power supply 230V/50 Hz

Gallery



Warranty

Product certificates:

- TUV certificate for compliance with the standard EN 12469, EN 61010-1:2010, EN 61326-1:2013
- CE declaration of the manufacturer
- ISO 9001

Protocol from tests is issued and enclosed for each cabinet.

Warranty for the laminar airflow unit: 36-month warranty.





Technical data



System
zarządzania
ISO 9001:2008

www.tuv.com
ID 9105080567

Nominal width in mm	1640	
External dimensions width/depth/height in mm	1640 / 790 / 2069	
Internal dimensions width/depth/height in mm	1876 / 644 / 710	
Maximum height with frame in mm	2050	
Area of working space in m ²	1,0	
Number of perforated plates in top in pcs.	5 or 1	
Maximum height of window panel lifting during work in mm	200	
Maximum height of front window panel lifting in mm	440	
Air flow in m/s	inlet	0,53
	working space	0,35
Air flow in m ³ /h	inlet	460
	operation 63%	936
	outlet 37%	460
Number of HEPA filters in pcs.	Preliminary	-
	Primary	1
	outlet	1
HEPA filter efficiency	> 99,995 % for MPPS - H14	
Loudness level in dB	< 56	
Illuminance in lux	> 1400	
Maximum power consumption in W	500	
Power of UV bactericidal lamp in W	36	
Number of electric sockets inside the chamber standard, in pcs.	4	
Control panel with touchscreen	menu in Polish, english	
Gas valve (option)	mechanical, with 3/8" connector	
Chambe	Floor, working plates, sides and back of the working space	Steel sheet AISI 304. Acid-proof, galvanized steel sheet
	External enclosure	Steel 1203, thickness 1,5 mm, covered with polystyrene RAL 7035
	Front window panel	Safety glass, thickness 6 mm, inclined at an angle of 8°
Equipment weight in kg	385	

