Laminar-flow cabinet BIO190 type A2

📄 Description

- vertical laminar air flow
- 2 HEPA filters with efficiency of 99.995% for MPPS
- microprocessor control system with touchscreen display 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 with 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 (6 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 LED lightning system min. 1400 lux
- workspace sides with window openings
- two power sockets inside workspace
- removable armrest
- frame with lockable castors
- power supply 230V/60 Hz

🖼 Gallery

✅ Warranty and certificates

Product and manufacturer 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 in laboratory is issued and enclosed for each cabinet.

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

Nominal width in mm	1960	
External dimensions width/depth/height in mm	1960 / 790 / 2069	
Internal dimensions width/depth/height in mm	1876 / 644 / 710	
Area of working space in m²	1,2	
Number of perforated plates in top in pcs.	6	
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 m³/h	inlet	544
	operation 63%	1111
	outlet 37%	544
Number of filters HEPA or ULPA in pcs.	preliminary	-
	main	1
	outlet	1
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	18	
Number of electric sockets inside the chamber standard, in pcs.	4	
Control panel with touchscreen	menu in polish, english or other language	
Gas valve (option)	mechanical, with 3/8" connector	
Chamber constuction	Floor, working plates, sides and back of the working space	Steel sheet AISI 304(1.403). Acid-proof, galvanized steel sheet
	Body	Steel 1203, thickness 1,5 mm, powder coated RAL 7035
	Front window panel	Safety glass, thickness 6 mm, inclined at an angle of 8'
Equipment weight in kg	400	

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