

Laminar-flow cabinet BIO160 A2

Laminar-flow cabinet is designed to clean the air of dust pollution in microbiological, biotechnological, and biochemical testing. The cabinet ensures sterile conditions for the protection of processed material from external impurities.

The latest model of the laminar-flow cabinet BIO 160 A2 is a combination of high quality materials, precise workmanship and a reasonable price.

Product images:



Technical Specification:

- vertical laminar air flow
- 2 HEPA filters with efficiency of 99.999% for particles with a diameter > 0.3 μm
- microprocessor control system with liquid crystal display in Polish
- 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 in the range from 0.2 to 0.8 m/s
- clear and easy-to-use control panel-optical and acoustic signals
- silent fans, noise level below 58 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) or solid, made of perforated 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 lighting system 1300 lux
- workspace sides with window openings or solid
- two power sockets and optional vacuum valves, gas or air valves
- removable armrest
- frame with lockable castors
- power supply 230V/60 Hz
- power consumption 600 W

Cabinet dimensions:

	Total dimensions	Workspace
Width	1645 mm	1561 mm
Height	1260 mm*	710 mm
Depth	790 mm	620 mm

* height with the frame on castors 1980 mm

Cabinet equipment:

- additional lamp above the workspace
- UV germicidal lamp
- power sockets inside the workspace
- basis under the laminar-flow cabinet

Product certificates:

- The cabinet complies with European Standard PN-EN 12469
- certified by an independent certification body
- CE declaration of the manufacturer

Each cabinet has its own report on velocity filter integrity and air flow test. The test is conducted with a laser particle counter, paraffin oil mist and anemometer, all measuring devices have a valid certificate of calibration.

Warranty for the laminar airflow unit:

- 36-month warranty.
- Full service within and outside the warranty period and filter replacement ensured by the manufacturer.

Transport and packing:

- Possible shipping to each country, costs of transport calculated individually

For details on each unit, you can also visit our website www.e-alpina.eu