



ALPINA

LAMINAR FLOW CABINET

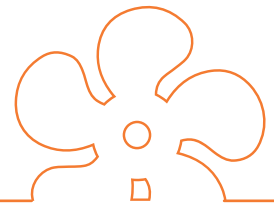
MODEL **K700 PRO**



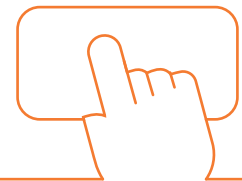
Cabinets K PRO series

WHAT MAKE **US STAND** OUT?**SILENT WORK**

Comfortable work is ensured by the silent-running electronically controlled fans EC type and unique system of air flow inside the working space.

**USER FRIENDLY TOUCH PANEL**

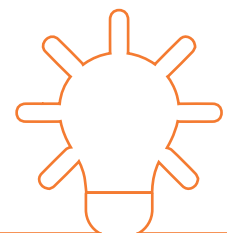
For increase the comfort of work each of the function is actuated by dedicated button whereas menu is available in many languages including Polish, English, German, Spanish, Italian, French, Turkish. Thanks to intuitive pictograms and clear remarks the cabinet is easy to maintain even in gloves and is the basis of system "Easytouch".

**LOW ENERGY CONSUMPTION**

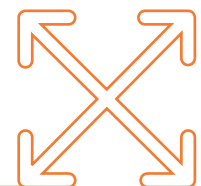
The use of high-tech EC fans and energy-efficient lighting reduces power consumption by as much as 76% in operating mode. The power consumption of the K1000 PRO chamber during operation without lighting is only 28 watts, while that of the K1300 PRO model is 33 watts, one of the best in the industry.

**UV LAMP 15 WATTS**

The installed 15-watt lamp guarantees disinfection of the interior of the chamber, ensuring sterile working conditions. It is possible to program the working time of the UV lamp up to 9 hours 50 minutes, and when the process is completed, the lamp switches off automatically. The chambers are also equipped with a UV lamp timer.

**CHAMBER SIZES FROM 70, UP TO 160 CM**

K PRO series chambers are produced as standard in widths from 70 to 160 cm (model K1600 PRO). At the request of the customer, we can make any modifications, not only in terms of dimensions, but also functionality - according to the sent guidelines.

**FILTR HEPA 99,995% FOR MPPS**

Installed top-quality HEPA filters, are checked in our research laboratory, guarantee adequate air purity and working environment. The laminar flow cabinet has a HEPA filter working monitoring system that allows you to control its effectiveness.





LAMINAR FLOW CABINET WITH VERTICAL AIRFLOW

K700 PRO

Product characteristics

- **Adjustable, vertical laminar airflow** from 0,25 to 0,50
- Dual filtration system: **preliminary polyamide EU3 (G3) filter** and **HEPA H14** with efficiency above 99,995% for MPPS.
- **Automatic HEPA compensation** provides stable and safe volume of the airflow inside the working space.
- **Silent working fans**, CA level according to PN-EN ISO 11201 below 55 dB.
- **Airflow velocity control** using sensor.
- **Permanently fixed UV lamp** in the upper part of the working space, protected from accidental switching on during operation.
- **Digital work timer** of device & UV lamp.
- **Cost-effective, LED illumination** placed inside the working space.
- **Stainless steel work surface**, countertop Partial as standard.
- **User-friendly and easy 7" inch touch display „EASYTOUCH“** - operated by dedicated buttons with several languages: Polish, English, German, Spanish, French, Italian, Turkish.
- An electrical outlet on the chamber housing and two outlets inside the workspace.
- Optional equipment: valves for air, vacuum, gas and base on blocked wheels.

Optional equipment (additional fee)

- › Valves: vacuum, gas, water, air
- › Additional sockets in the working space
- › Stainless steel rods for hanging accessories

Attest & warranty

Attests of products:

- › CE declaration
- › Cabinet is produced according to the quality management system ISO 9001

Each cabinet is tested in the factory's laboratory maintained according to norm ISO 17025.

Warranty of biological safety cabinet: 24 months



Technical data

Outside dimensions	wid. / dep. / heig.	mm	728 / 612 / 990	
Inside dimensions	wid. / dep. / heig.	mm	694 / 510 / 650	
Number of fans		pcs	1	
Adjustable airflow		m/s	0,25 - 0,50	
Number of filters		pcs	prefilter	1
			HEPA main	1
Effectiveness of HEPA		dB	> 99,995 % for MPPS - H14	
Sound pressure level PN-EN ISO 11201		dB	< 49	
Light intensity		lux	> 1000	
Power consumption		Wat	work mode with light	33
			work mode without light	19
			nominal power	201
Power of UV lamp		Wat	15	
Number of electrical sockets on the cabinet casing		pcs	2	
Control panel with touch display		-	languages: PL, EN, GE, SP, FR, IT, TR	
Gas, vacuum and air valve	option	-	mechanical, with connection 3/8"	
Cabinet construction	cabinet construction worktop	-	stainless steel 1.4301	
	outside casing		steel DC01, powder coated RAL 7045	
	front protective cover		polycarbonate	
Weight of device		kg	55	
Power supply 1-phase		V	230 V / 50 Hz	

Each chamber has an individual test protocol for filter integrity, air velocity and particle content. The test is performed with a photometer, anemometer and laser particle counter.