



AIR by LUMOS



AIR PURIFICATION

The best solution for fine dust and bad odors

With AIR, you can keep your workshop and sales room free of odors and dust. There's no more effective way to remove the heavy dust and odors that result from the grinding of today's innovative eyeglass materials.

Designed entirely for your needs, there are even two different sizes. The space-saving *AIR_{mini}* can be built into a machine cabinet, while the *AIR_{maxi}* is designed for connection to two machines. Both units have a great price/performance ratio and can be connected to nearly any grinding machine. Using these units is good for your health and good for the environment, too.

AIR by LUMOS

- Small, compact, powerful
- Easy to install
- Cost-effective working material subscriptions



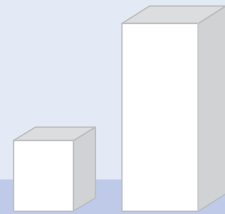


AIRmaxi by LUMOS

This particularly powerful air purification unit was designed for larger grinding workshops and connection to up to two machines. With its large filter capacity, the unit can also be used for air purification for the whole workshop. An integrated air quality unit also takes care of the metering of perfumes. Coarse dust is trapped directly in the dust trap. It's extremely simple operation and compact filter elements make it easy to work with.

Scope of delivery	Unit, dust trap, filter cartridge with coarse dust filter, odor scrubber cartridges, 2m of air hose (please select connector set separately)
Dimensions (W x H x D)	280 x 690 x 415 mm
Weight	11 kg
Power supply	230V / 50 Hz
Article number	001.404

Size difference between the **AIRmini** and **AIRmaxi**



AIRmini by LUMOS

Like its „big brother“, the **AIRmini** also removes odors and fine dust from the air in your optician's workshop that result from the grinding of High Index, CR39, PC, and Trivex. It takes in air directly from the grinder, preventing the escape of the contaminated air. The unit is so small, compact, and quiet that it can be installed right in the grinder cabinet.

AIRmini is designed for suction in an edger and is equipped with high-performance filter materials that remove over 90% of odors and fine dust. An integrated air quality unit allows the metering of perfumes. Here, too, the unit's extremely simple operation and compact filter elements make it easy to work with.

Scope of delivery	Unit, filter cartridge, filter pad set, odor scrubber cartridges, power supply, 1m of air hose (please select connector set separately)
Dimensions (W x H x D)	220 x 260 x 315 mm
Weight	3 kg
Power supply	230V / 50 Hz
Article number	001.549



Accessories for *AIR_{maxi}* and *AIR_{mini}*

by LUMOS 

Connector for two machines

► *AIR_{maxi}*

Using this adapter, you can connect *AIR_{maxi}* to two machines at once. The connector just screws onto the *AIR_{maxi}*. Air hoses are used to connect to the machines.



Article number 000.294

Connector set for 32 mm water drainage hose

► *AIR_{maxi}* / *AIR_{mini}*

The connector set for WECO and other machines with a 32 mm water drainage hose can be used together with a water box or direct water connection (DN40).



Article number 000.295

Connector set for direct connection to NIDEK machines (LE9000/SE9090/ME1000)

► *AIR_{maxi}* / *AIR_{mini}*

This connector set was designed for direct connection to the grinding chamber of NIDEK machines (ME1000 and 9090).

The 9000 model also requires a special side plate.



Article number 001.300

Connector set for 50/60/63/75 mm water drainage hose

► *AIR_{maxi}* / *AIR_{mini}*

This connector set was developed for machines with a 50, 60, 63 or 75 mm water drainage hose and can be used together with a water box or direct water connection (DN70) such as those used on Schöne/INDO, TOPCON, NIDEK, or Briot grinders.



Article number 000.802

Connector set for 100 mm water drainage hose

► *AIR_{maxi}* / *AIR_{mini}*

There's a connector set for machines with a 100 mm water drainage hose, too. It can be used together with a waterbox (Essilor „overflow basin“) or direct water connection (DN100) such as those used by Essilor or Briot.



Article number 001.006 (with cover plate overfall basin)
001.800 (without cover plate)

Filter cartridge

► *AIR_{maxi}*

This spacious, very robust filter cartridge can be replaced with just a few actions. Depending on usage conditions, the filter must be changed every 6 to 12 months. Just send the used filter cartridge back to us.

Article number	000.090	Scope of delivery	Filter cartridge with coarse dust filter
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Filter cartridge

► *AIR_{mini}*

The multi-stage compact filter is specially designed for use in optician's workshops. It removes and binds the dust and odors produced when grinding High Index and other glass materials. Depending on usage conditions, the filter must be replaced every 4 months or after 500 lenses, whichever is sooner. Use filter pads to get even better filter quality and a longer cartridge life.

Article number	000.521
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Filter pads

► *AIR_{mini}*

Filter pads protect the main filter and should always be used when grinding on PC or Trivex grinders. Filter pads are made of high-efficiency filter material that can achieve very high separate rates even for lung-penetrating dust less than 10 µm in size. Depending on glass type, they should be replaced every week or after every 50 lenses, whichever is sooner.

Article number	000.865	Scope of delivery	10 filter pads
Article number	001.143	Scope of delivery	75 filter pads
Article number	000.857	Scope of delivery	Filter pad set (seal and 3 filter pads)

Filter pads



Filter pad set



Odor cartridges

► *AIR_{maxi} / AIR_{mini}*

Odor cartridges give the room air a particular tone. Using them, the AIR not only purifies the air, but also adds a little perfume. The Word odor cartridge is just inserted in the chamber, which also permits regulation of the perfume intensity. The perfume has a „floral“ motif.

Article number	000.205
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