



Aluminum Cyanoacrylate Fuming Chamber



TopAir's Cyanoacrylate Fuming Chamber is used to develop latent prints from non-porous surfaces in a safe, controlled environment.

Cyanoacrylate is placed inside the chamber while evidence is easily positioned using the adjustable hanging rods. Starting the cycle triggers the automatic system to control the hotplate, humidity, door lock, internal circulation fan and purge cycle.

The system's recirculatory design enables it to operate and setup with no ducting required.

The cyanoacrylate vapors are filtered by a carbon filter. This ensures that no dangerous substances are exhausted into the atmosphere surrounding the laboratory. Its ductless construction also allows the unit to be easily moved and transported.

- Control system displays all parameters of the processing cycle
- Adjustments to the presets can quickly be performed
- Can be activated automatically, or manually with an option for temperature and humidity control
- Filtering system with a carbon filter
- Eco-friendly, cost-saving LED lighting
- **CE certified**



Models

Spec/Model	SG-060	SG-075	SG-090	SG-150	SG-180
Airflow (m3/hr)	175	250	250	250	250
Dimensions W x D x H	600 x 600 x 760 mm 23.6 x 23.6 x 29.9"	750 x 750 x 1550 mm 29.5 x 29.5 x 61"	900 x 750 x 1550 mm 35.4 x 29.5 x 61"	1500 x 750 x 1550 mm 59 x 29.5 x 61"	1800 x 750 x 1550 mm 70.8 x 29.5 x 61"
Noise	<48 dBA	<48 dBA	<48 dBA	<48 dBA	<48 dBA
(Tested 20 cm from the work table, 1.2m above ground)					
Lighting	LED 18 W	LED 18 W	LED 18 W	LED 18 W	LED 18 W
Main Filter (Qty.)	3 kg	5 kg	5 kg	8 kg	8 kg
Prefilter (Qty.)	1	1	1	1	1
Power Supply	115 / 230V 50/60 Hz, Single phase				
Switches	Main ON/OFF				
Monitoring	Electronic Display				
Fan	Low Noise Centrifugal				
Construction	Aluminum Frame Structure, Safety Triplex Glass				
Production/Test Standard	CE				

Programmable Electronic Control

The electronic control system includes easy on-screen functions to program the Purge Cycle, Contact Time and RH Sensor.

Filter Type	P/N
Main Filter	SG-CF
Pre Filter	SG-PF

Main and Pre Filters are supplied as standard with all chambers and are listed here for replacement purposes.

* Prefilters are supplied with all units. Efficiencies are over 99.6%. The filters remove particles from the airstream before it flows through the Main Filter.

** Filters must be changed on a regular basis to maintain chamber efficiency.



Operation Process

- Evidence is placed within the chamber and cyanoacrylate is placed on the hotplate.
- Door is closed and start button is pushed. Door locks automatically.
- Evidence is placed within the chamber.
- Humidifier is activated, increases humidity and releases vapors composed of 60%-80% humidity and fumes into the chamber.
- Fuming continues for a half-hour cycle.
- Once the cycle has completed, the evidence can be examined.

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