

Polypropylene Cyanoacrylate Fuming Chamber

The 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 automated system to control the hotplate, humidity, door lock, internal circulation fan, and purge cycle.

Its recirculatory design enables the system 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 in to the atmosphere surrounding the laboratory. Its ductless construction also allows the unit to be easily moved and transported.

- Three sizes - from small benchtop units to larger walk-in chambers.
- Easy to use control displays all parameters of the processing cycle. Adjustments to the presets can be quickly 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.



Models

Spec/Model	SG-060-P	SG-075-P	SG-090-P	SG-150-P
Airflow (m3/hr)	175	250	250	250
Dimensions WxDxH	600 x 600 x 760 mm 23.6 x 236.2 x 29.9"	850 x 740 x 1550 mm 33 x 29.5 x 61"	900 x 750 x 1550 mm 59 x 29.5 x 61"	1500 x 750 x 1550 mm 59 x 29.5 x 61"
Noise	<48 dBA	<48 dBA	<48 dBA	<48 dBA
Lighting	LED 18 W	LED 18 W	LED 18 W	LED 18 W
Main Filter (Qty.)	3 kg	5 kg	5 kg	8 kg
Prefilter (Qty.)	1	1	1	1
Electrical Supply	Single Phase, 230v, 50Hz			
Switches	Main ON/OFF			
Monitoring	Electronic Display			
Fan	Low Noise Centrifugal			
Construction	Polypropylene Structure, Safety Triplex Glass			
Production/Test Standard	ISO-9001:2008			

Programmable Electronic Control

The electronic control system includes easy on-screen functions to program 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 as standard 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 pressed. 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
- The unit includes full manual operation system

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