



TOPAIR
CLEAN AIR SOLUTIONS

Cyanoacrylate Fuming Chamber

Available in Canada



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L'instrumentation à son meilleur

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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	Main and Pre Filters are supplied as standard with all chambers and are listed here for replacement purposes.
Pre Filter	SG-PF	* 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.



Polypropylene Cyanoacrylate Fuming Chamber



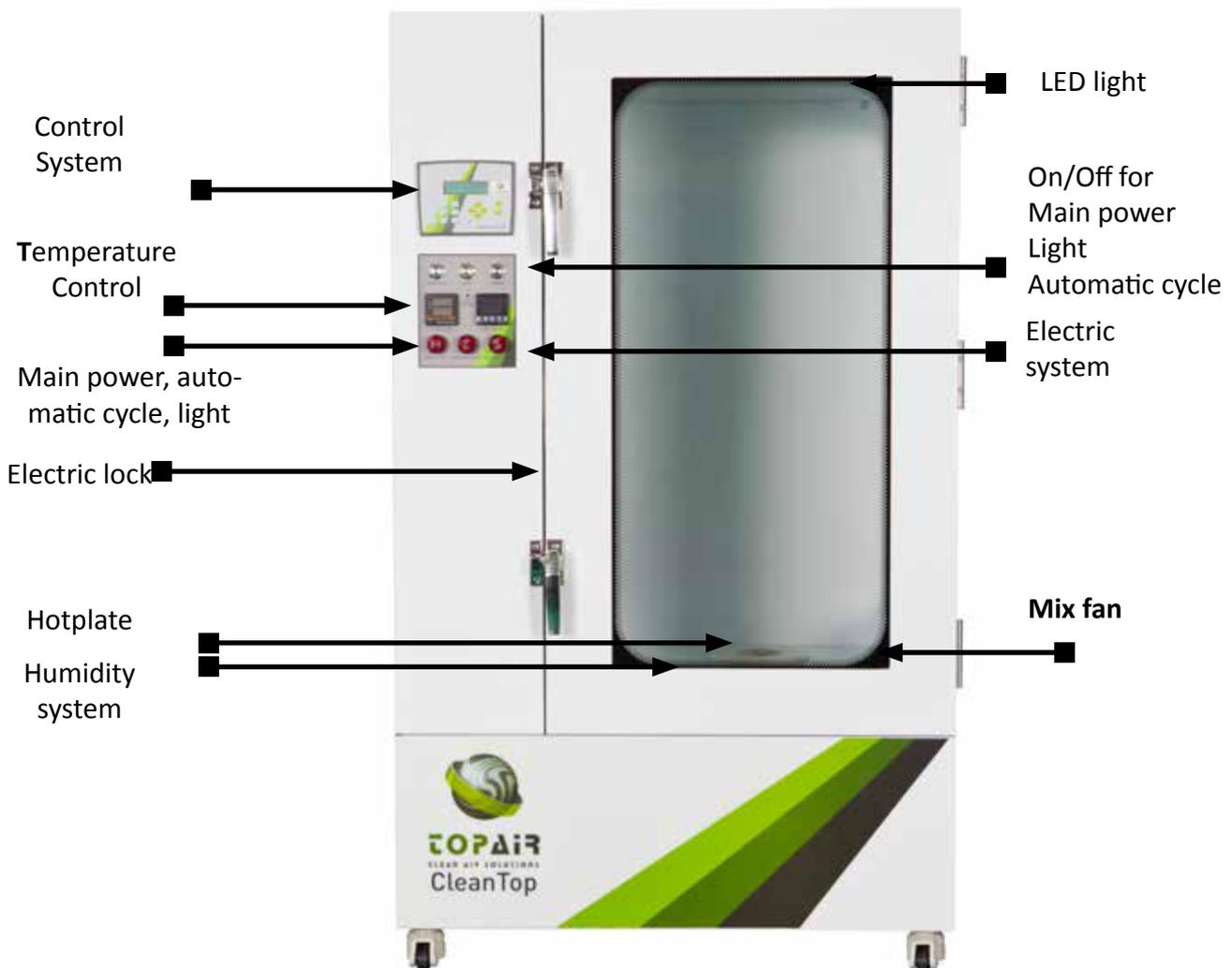
TopAir's Cyanoacrylate Fuming Chamber is used to develop latent prints from non-porous surfaces in a safe, controlled environment.

Cyanoacrylate is placed inside the chamber while evidence is easily positioned using the adjustable hanging rods. Starting the cycle triggers the 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.

- Control System displays all parameters of the processing cycle
- 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
- Alarm for end of automatic cycle
- Audio-Visual 30-second alarm
- **CE certified**



Models

Spec/Model	SG-060-P	SG-075-P	SG-090-P	SG-150-P	SG-180-P
Airflow (m3/hr)	175	250	250	250	250
Dimensions WxDxH	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	Polypropylene Structure, Safety Triplex Glass				
Production/Test Standard	CE				

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	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.
Pre Filter	SG-PF	

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.



Ecoline Polypropylene Cyanoacrylate Fuming Chamber



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

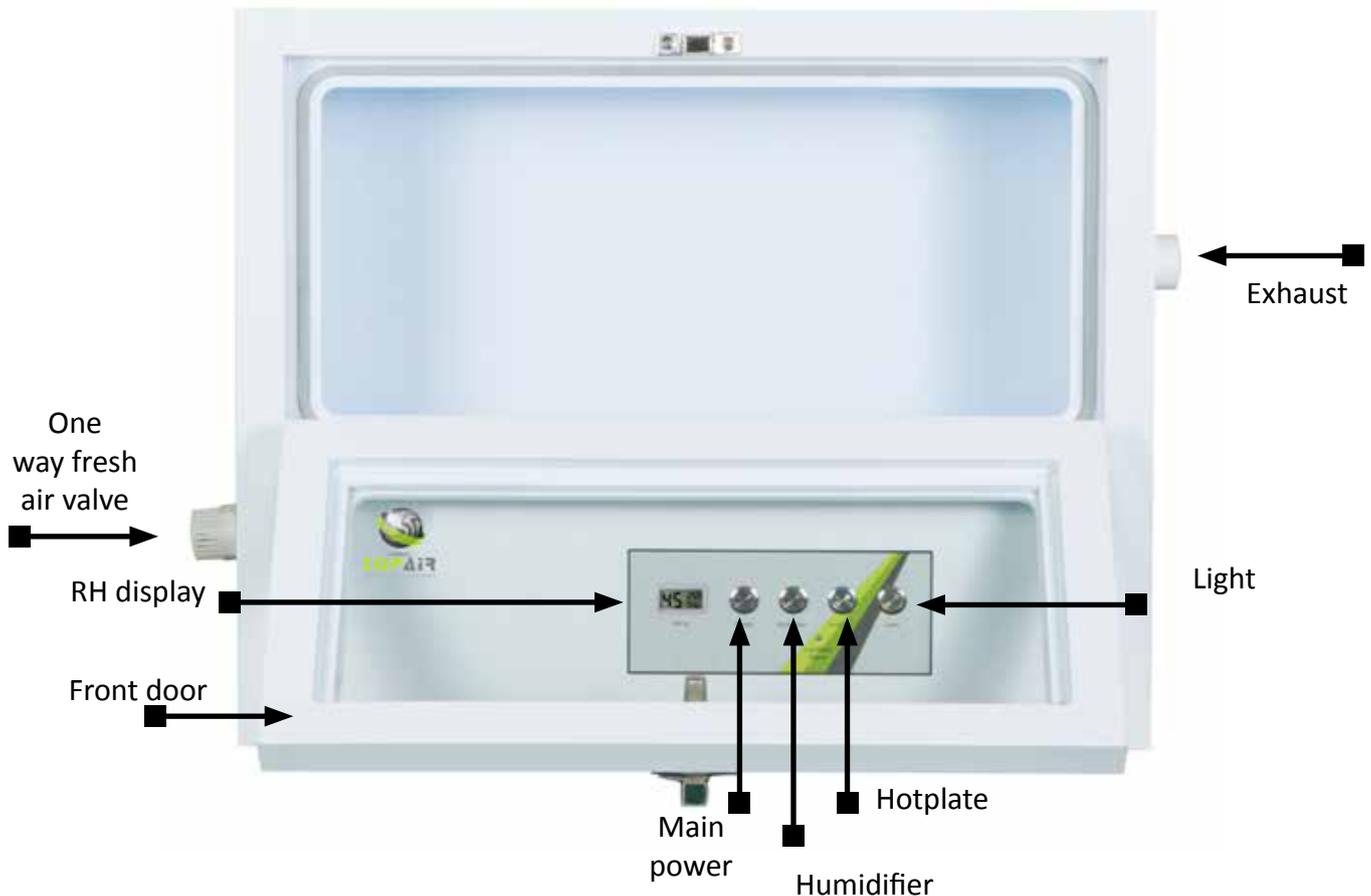
Cyanoacrylate is placed inside the chamber, and the evidence is easily positioned as well.

The unit is manually activated, enabling activation and switch-off of the hotplate and humidifier.

Its recirculatory design enables the system to operate and setup with an extraction system.

The cabinet requires a connection to an external ventilation system that diverts the material's vapors outside the building.

- Humidity display
- Ultrasonic humidifier
- Hotplate
- Polypropylene structure
- Clear glass front door
- Exhaust port
- One way valve for fresh air
- LED light



Models

Spec/Model	SG-ECO-060-P	SG-ECO-090-P
Airflow (m3/hr)	80	100
Dimensions WxDxH	600 x 500 x 500 mm 23.6 x 19.7 x 19.7"	900 X 500 X 500 mm 35.4 x 19.7 x 19.7"
Lighting	LED 18 W	LED 18 W
Power Supply	115 / 230V 50/60 Hz, Single phase	115 / 230V 50/60 Hz, Single phase
Switches	Main ON/OFF	Main ON/OFF
Monitoring	Humidity display	Humidity display
Construction	Polypropylene structure, safety Triplex glass	Polypropylene structure, safety Triplex glass

Operation Process

- Evidence is placed within the chamber and cyanoacrylate is placed on the hotplate.
- Door is closed.
- Humidifier is activated, increases humidity and releases vapors composed of 60%-80% humidity.
- Hotplate is on.
- Fuming continues.
- Once the cycle has completed, the evidence can be examined.

Optional accessories

SG-ECO-ROD - Polypropylene hanging rod

SG-ECO-FIL Standalone filtration kit – fan and carbon filter

SG-ECO-ESH - Indoor exhaust fan kit





Water Filtration Cyanoacrylate Fuming Chamber



NEW!

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

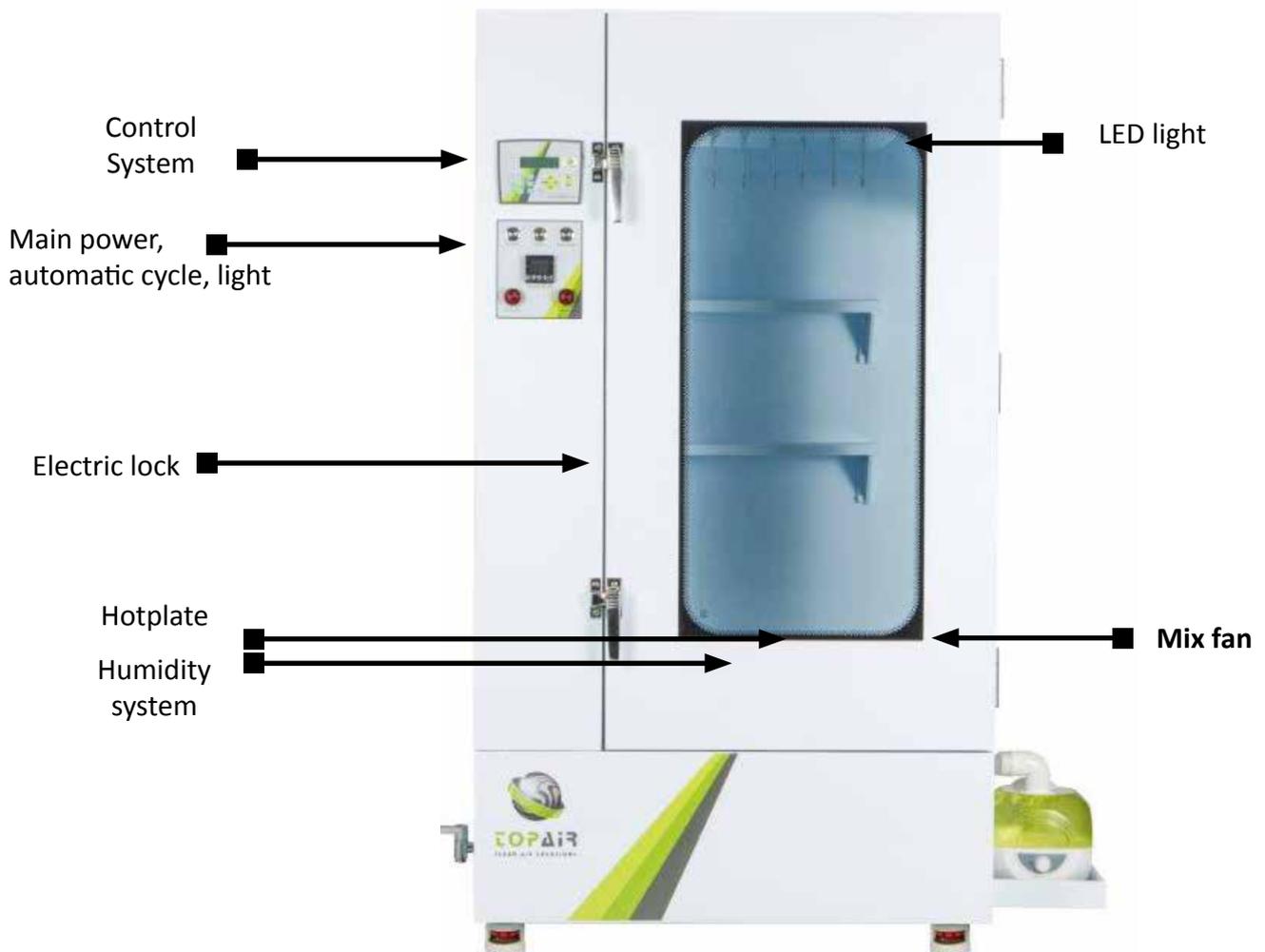
Cyanoacrylate is placed inside the chamber while evidence is easily positioned using the adjustable hanging rods. Starting the cycle triggers the automated system to control the hotplate, humidity, door lock, internal circulation fan, and purge cycle.

The Cyanoacrylate vapors are filtered using water filtration. This ensures that no dangerous substances are exhausted in to the atmosphere surrounding the laboratory.

The reaction of the fumes of cyanoacrylate to water causes the fumes turn into to non-hazardous plastic residue.

The filtration tank is equipped with a draining tap and a built-in washing/ refilling pipe. Removal of the filtration tank is not required for washing and refilling. The unit's recirculatory design enables the system to operate and setup with no ducting required. Its ductless construction also allows the unit to be easily moved and transported.

- Control system displaying all parameters of the processing cycle.
- Automatic heating control is determined according to the amount of cyanoacrylate placed in the chamber.
- Automatic temperature control Humidity control ensures $\pm 3\%$ humidity
- Water Filtration
- Eco-friendly, cost-saving LED lighting.
- **CE certified**



Models

Spec/Model	SG-060-WF	SG-075-WF	SG-090-WF	SG-150-WF	SG-180-WF
Airflow (m3/hr)	175	250	250	250	250
Dimensions WxDxH	600 x 600 x 760 mm	800 x 750 x 1550 mm	900 x 750 x 1550 mm	1500 x 750 x 1550 mm	1800 x 750 x 1550 mm
	23.6 x 23.6 x 29.9"	31.5 x 29.5 x 61"	35.4 x 29.5 x 61"	59 x 29.5 x 61"	70.8 x 29.5 x 55"
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.)	Water Trap	Water Trap	Water Trap	Water Trap	Water Trap
Temp & Humidity Accuracy	± 3%	± 3%	± 3%	± 3%	± 3%
Temperature	± 2°C	± 2°C	± 2°C	± 2°C	± 2°C
Fan	High Pressure				--
Power Supply	115 / 230V 50/60 Hz, Single phase				
Switches	Main ON/OFF				
Monitoring	Electronic Display				
Construction	Polypropylene Structure, Safety Triplex Glass				
Production/Test Standard	CE				