

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, level, door lock, internal circulation fan and purge cycle.

It's 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.

- 7" color touch screen Control System displays all parameters of the processing cycle
- 3 built-in programs in the control system + an open program for user programming
- Can be activated automatically, or manually with an option for temperature and humidity control.
- Filtering system with a carbon filter + pre filter
- Eco-friendly, cost-saving LED lighting
- Alarm for end of automatic cycle
- Audio-Visual 10-second alarm
- CE certified
- Optional - chemical sensor for safety quality enhancement



Models - Cyanoacrylate Fuming Chamber

Spec/Model	SG-075-P	SG-090-P	SG-120-P	SG-150-P	SG-180-P
External Dimensions W x D x H	760*710*1270mm 30*28*50"	910*710*1270mm 36*28*50"	1220*710*1270mm 48*28*50"	1520*710*1270mm 60*28*50"	1830*710*1270mm 72*28*50"
Noise*	<48 dBA	<48 dBA	<48 dBA	<48 dBA	<48 dBA
Illumination	LED 18 W	LED 18 W	LED 18 W	LED 18 W	LED 18 W
Main Filter (Qty.)	5 kg	5 kg	7 kg	8 kg	8 kg
Pre-filter (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				
Structure	Polypropylene Structure, Safety Triplex Glass				
Production/Test Standard	CE				

* Tested 20 cm from the work table, 1.2m above ground

Optional: for elevated height size -75" add T to the end of the C/N

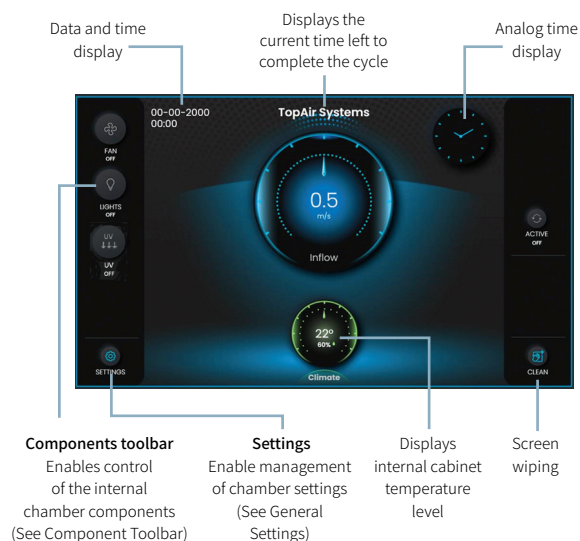
Control system

The control system includes a touch screen with the manual functions: heating, humidity control, air mixing and Purging. There are 3 factory programmed automatic cycles + one option for programmable cycle, by the user.

The display shows the current temp and humidity, as well as the filter lifetime and alarms for filter replacement. Units with CA sensor, show the level of CA fumes in the cabinet and prevent of opening the door when the situation is not safe.

Home Screen Overview

The home screen displays the following:



Operation Process

- The evidence is placed within the chamber and cyanoacrylate is placed on the hotplate.
- The door is closed and the start button is pushed. The door locks automatically.
- The humidifier is activated, increases humidity to 60%-80% and the hot plate generates vapors evaporation into the chamber.
- The purging continues for a 20-30 minute cycle.
- Once the cycle has completed, the evidence can be examined.

