

Cyanoacrylate fuming chamber with Touch Panel 204L



The Cyanoacrylate fuming chamber, now available with touch panel, is a good method to secure evidence for all items with non-absorbent surface.

With the new touch panel and its simple operation, the evaporation process can now run as an automatic mode or continue to be operated manually. In both options you can choose between standard or polycyano vaporization. If you choose standard, the parameters are 130°C and 80% r.h. For polycyano the parameters are 230°C and 90% r.h.

In the automatic process, first the relative humidity will be generated up to 80% (90%), and the process will begin signalled by an audible tone. During the actual vaporization process, it is important to manually watch for developments. After completion of the vaporization process, the air cleaning process inside the interior of the device can be activated by an easy click, or it runs automatically after 15 min. (this vaporization time can be changed individually).

Health and safety during operation of the device are very important. The advanced security features will give you help, such as the automatic door lock from the beginning of the vaporization process, until the end of the air cleaning process. When to change the cyan filter blocks and fill the water tank will be displayed automatically.

As an option you can order a UVC-light unit to decontaminate the internal air and surface from DNA-fragments, bacteria and virus.

Information about the fuming process:

The process of Cyanoacrylate fuming is a very efficient method to secure latent finger-prints on smooth, non-porous surfaces.

This method presents a considerable advantage compared to the securing of evidence with adhesions promoters, especially with older traces, and sticky or porous surfaces.

Cyanoacrylate (ethyl ester) is a viscid special adhesive that can be assigned to instant adhesives (super glue). Due to its ability of polymerisation, Cyanoacrylate is an extraordinary compact and fast hardening special adhesive. Fluid Cyanoacrylate generates vapours that react sensitively to certain constituents of latent finger-prints (sebum). This procedure is effective on nearly every surface.

With a one-chamber system and maintenance-free air purge cycle and no connection with an exhausting system necessary, simply connect to an electrical supply.

Technical data from the Cyanoacrylate fuming chamber

external dimension*:	
width in mm	900
height included the base in mm	1400
depth in mm	620

internal dimension*:	
width in mm	580
height in mm	860
depth in mm	410

weight	approx. 95 kg
connected load	230 V, 1,3 kW, 50 Hz
exhaust ventilator, type E 05	230 V / 140 W
- circulatory	10 m ³ /min
- total pressure difference	Pa 430
fan 2 pieces	230 V, 12 W
illumination	230 V, 36 W
vaporiser - heating plate	230 V, 350 W
humidification	230 V, 512 W
electronic temperature control unit	230 V
electronic moisture control unit	230 V
electronic humidity sensor	0-1 Volt
nominal current	6,0 A
fuse protection	16 A
control voltage	24 V DC
material	
- polypropylene cabinet	
- front door contains of laminated glass	
- hanging rods of stainless steel	

*Various sizes available on request.

Made in Germany

Article number 48973