



SUPERfume[®]



fingerprint fuming at the crime scene

SUPERfume is a cyanoacrylate fuming system for developing latent fingerprints in situ at major scenes of crime.

Designed to treat domestic rooms, offices, garages and vehicles, the kit eliminates the need for dismantling fixtures and fittings and transporting items back to the laboratory for processing.

Save time

by locating fingerprints at the crime scene

Rapidly deployed

supplied in three carrying cases and easily assembled at the scene

For large or immovable items

capable of fuming cars and commercial vehicle or entire rooms.

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fingerprint fuming at the crime scene

Foster + Freeman have designed a compact and portable cyanoacrylate fuming system called SUPERfume™ for use at scenes-of-crime. Capable of fuming domestic rooms, offices and garages, the kit enables latent fingerprints to be detected and recorded at the crime scene without the need for transporting bulky items to the laboratory or dismantling fixtures and fittings, saving time and labour.

The kit is assembled from individual components that are easily transported and deployed and comprises a steamer, two cyanoacrylate monomer evaporators with circulating fans to disperse the fumes and an activated carbon filter system.

The powerful steamer brings the humidity of the crime scene up to 80%RH in approximately 30minutes whilst fuming takes a further 30minutes (or until the operator is satisfied with the fingerprint development). Once the fuming process has been activated all personnel are required to evacuate the area which is sealed for safety. After fuming, the cleansing system is activated remotely from outside the crime area which removes the residual cyanoacrylate vapour prior to officers re-entering the scene. The cleansing process takes 60 minutes.

The complete kit, including warning signs, cyanoacrylate monomer and cabling for operation on 230 or 120 VAC, is supplied in three carrying cases and weighs 45kg (approx.).

Images Right. A vehicle is fumed using a standard SUPERfume kit with optional SUPERfume Tent. Following fuming fingerprints are clearly visible on the vehicles surface.



SUPERfume Standard Kit Components

SUPERfume hardware

Humidifier:	2.3kW (220V) or 1.1kW (110V) RCD protection
2x Evaporators:	Max evaporation temp. 120°C integral dispersing fan (x2) detachable legs
Purge Fan:	With carbon filter for safe dispersal of fumes. Purge duration, 60 minutes
Remote Control Box:	Control of fuming and purge process
Distribution Box:	Provides power to individual SUPERfume components
Handheld RH Meter:	Compact device measures humidity

Safety & Consumables

Cyanoacrylate:	100 x 20g bottles of Foster + Freeman Cyanobloom
3x Carbon Filters:	Activated carbon, 6kg net, capacity for 60 cleaning cycles
Glue dishes:	400 foil dishes
2x Respirator Masks:	Supplied with 24x spare filters
Vinyl gloves:	4 x boxes of 100 gloves
Warning Notices:	'Cyanoacrylate fuming in process'
Fuming:	Automatic mode - 30 minutes
Room Volume:	100m ³ (Standard Kit)
Fume Cleansing:	60 minute duration

The SUPERfume kit is supplied in three soft carrying/storage cases and includes all required cables for interconnecting the individual components and connecting the system to an AC mains power supply, operator safety is maintained by the inclusion of RCD protection.

Head Office & UK Sales Office:
Vale Park | Evesham | WR11 1TD | United Kingdom

Tel: +44(0)1386 768050
email: sales@fosterfreeman.com

USA Sales Office:
46030 Manekin Plaza | Suite 170 | Sterling | VA 20166 | USA

Tel: 888 445 5048
email: usoffice@fosterfreeman.com

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fosterfreeman.com