MVC/D fingerprint fuming cabinets
1000 | 3000 | 5000

Available in four sizes
190 litres, 280 litres, 720 litres, & 2009 litres

Simple to use
Automatic and manual modes of operation.

Consistent results
Self regulating system maintains optimum conditions throughout fuming process

Self-contained cleansing system
No external venting required

Compatible with PolyCyano UV
Exclusive one-stage fuming process

Built to last
Robust construction and trusted technology.

Product Update: MVC1000/XL
A new high-capacity benchtop fuming cabinet with new features including LED illumination and easy-clean removable fan units.
Reliable . Consistent . Performance

Automatic & Manual operation
Choose to run automatic preset fuming cycles or take full manual control of every stage of the development process.

Operating under automatic control, the complete humidification, cyanoacrylate fuming and fume extraction process proceeds without operator intervention according to recommended preset parameters.

Under manual control, each phase of the development process is initiated separately, enabling the operator to extend or terminate the fuming process for best results.

Reliable Safety Features
The health and safety of the operator is paramount. Once the fuming process has been activated safety interlocks prevent the door from being opened until the cleansing process has been completed at the end of the cycle.

All MVC cabinets feature self-contained cleansing systems consisting of high capacity, fan driven, activated carbon filters.

The cleansing process occurs at the end of each complete fuming cycle and, when the cabinet is not in operation automatically for a short period every ten minutes to eliminate any build up of cyanoacrylate vapour.

Consistent Results
The MVC range of cabinets have been designed to accommodate either Cyanoacrylate or PolyCyano UV, a new one-stage glue/stain process for developing fluorescent fingerprints, without the need for further chemical staining.

During the development process fans continually circulate the atmosphere in the chamber to ensure that fingerprint development is uniform while sensors monitor and control the internal humidity to maintain optimum conditions.

Toughened glass panels on each side of the MVC cabinets afford the operator a 360° view of evidence throughout the fuming process.

DNA Decontamination
Safety interlocked UV-C lamps are available for all MVC cabinets to provide DNA decontamination. Emitting high energy shortwave UV at 254nm, the lamps will destroy exposed DNA adhering to the internal surface of the cabinet.

One lamp is recommended for the MVC1000/D2 and MVC1000/XL, Two for the MVC3000/D and Three lamps for the MVC5000/D which must be ordered with the cabinet.

UV-C lamps can be retrofitted to MVC1000 cabinets in the field. MVC3000 and MVC5000 cabinet upgrades require factory modification.

The MVC range of fuming cabinets are the latest and most advanced cyanoacrylate fuming cabinet from Foster + Freeman, a range of systems for the development of latent fingerprints with cyanoacrylate monomer from the vapour phase.

One-stage development
PolyCyano UV
All MVC cabinets are designed to accommodate Cyanoacrylate or PolyCyano UV, a new one-stage glue/stain process for developing fluorescent fingerprints without the need for further staining.

Product update
MVC1000/XL
The MVC1000/XL is a redesign of the popular MVC1000 benchtop fuming cabinet providing increased capacity and new features to improve the speed, consistency and quality of results.

Notable improvements include:
Internal LED illumination
To increase print contrast
New structural frame
With larger inspection windows
Improved glue heater & steamer
To reduce the overall cycle time

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### Cabinet Dimensions

<table>
<thead>
<tr>
<th>MVC®5000/D</th>
<th>MVC®3000/D</th>
<th>MVC®1000/D2</th>
<th>MVC®1000/XL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>2009 litres</td>
<td>720 litres</td>
<td>190 litres</td>
</tr>
<tr>
<td>External</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>220mm (87.4&quot;)</td>
<td>1785mm (70.2&quot;)</td>
<td>780mm (30.7&quot;)</td>
</tr>
<tr>
<td>Width</td>
<td>1500mm (59.1&quot;)</td>
<td>867mm (34.1&quot;)</td>
<td>615mm (24.2&quot;)</td>
</tr>
<tr>
<td>Depth</td>
<td>895mm (35.2&quot;)</td>
<td>900mm (35.4&quot;)</td>
<td>628mm (24.7&quot;)</td>
</tr>
<tr>
<td>Internal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>2095mm (82.4&quot;)</td>
<td>1260mm (49.6&quot;)</td>
<td>710mm (27.9&quot;)</td>
</tr>
<tr>
<td>Width</td>
<td>1445mm (56.9&quot;)</td>
<td>790mm (31.1&quot;)</td>
<td>555mm (21.8&quot;)</td>
</tr>
<tr>
<td>Depth</td>
<td>795mm (31.2&quot;)</td>
<td>795mm (31.2&quot;)</td>
<td>550mm (22.8&quot;)</td>
</tr>
<tr>
<td>Door aperture</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>2060mm (81&quot;)</td>
<td>1225mm (48.2&quot;)</td>
<td>670mm (26.3&quot;)</td>
</tr>
<tr>
<td>Width</td>
<td>762mm (30&quot;)</td>
<td>760mm (29.9&quot;)</td>
<td>377mm (14.8&quot;)</td>
</tr>
</tbody>
</table>

### Common Specifications

- **Operating Modes**: Manual & Automatic
- **Humidity Level**: Variable from 60 to 90%RH
- **Temperature**: Preset to 120 or 230°C
- **Air circulation**: Fan assisted
- **Filter type**: Activated carbon (replaceable)
- **Filter lifetime**: At least 80 cycles
- **Fume cleansing**:
  - MVC1000/D2: 10 minutes
  - MVC1000/XL: 15 minutes
  - MVC 3000/D: 20 minutes
  - MVC 5000/D: 40 minutes

### Installation & Service

MVC 5000/D and 3000/D cabinets are supplied flat-packed to be constructed on-site by trained personnel.

Following installation, every cabinet is tested to ensure that the residual level of cyanoacrylate vapour is below the recommended safety levels.

Regular servicing is recommended in order to maximise the performance and life span of MVC cabinets.
Accessories & Consumables

Cabinet Accessories

Uninterruptable Power Supply
MVC/UPS
Uninterruptable Power Supply capable of supporting a complete machine cycle in the event of power failure.

Cabinet Cleaning Kit
MVC/CLKIT
Cabinet Cleaning Kit contains all items required to maintain the interior of MVC/D cabinets.

Evidence Hanging Hooks
MVC/HOOK
Evidence Hanging Hooks pack of 10 hooks.

Foil glue dishes x200
MVC/HOOK
Foil glue dishes x200.

DNA Decontamination

DNA decontamination lamp
MVC/SWUV
55W, UV-C (254nm peak wavelength) lamp.
For MVC 1000/D2 & XL
For MVC 3000/D
For MVC 5000/D

UV-C lamp storage enclosure
MVC/UVSU
Holds 1, 2, or 3x UV-C lamps.
For MVC 1000/D2 & XL
For MVC 3000/D
For MVC 5000/D

Consumables: Superglue

Cyanobloom superglue
MVC/GLUE
Ethyl-2-cyanoacrylate, shelf life 6-12 months.
1 x 500g bottle
20 x 20g bottles

PolyCyano UV
MVC/GLUE20g
One-stage dye/stain treatment

*filter life based on cabinets using Cyanobloom superglue

Portable Fuming Systems

additional fingerprint fuming products from Foster + Freeman

SUPERfume®
Crime scene cyanoacrylate fuming system

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.

MVC® lite
Portable cyanoacrylate fuming chamber

A fully portable fingerprint fuming chamber mounted within a rugged weather-proof case, the MVC lite retains all the features of a full sized fuming chamber and can be used for the development of latent fingerprints using both cyanoacrylate and PolyCyano UV, the cyanoacrylate/fluorescent stain that eliminates the need for subsequent chemical staining.

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