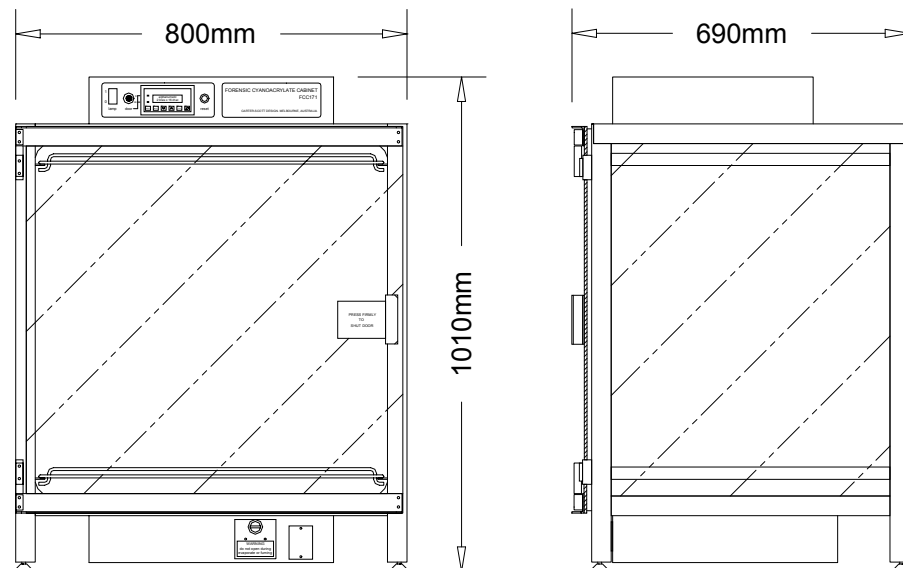


Carter-Scott Design
FCC171 FORENSIC CYANOACRYLATE CABINET
FOR SAFE AUTOMATIC DEVELOPMENT OF LATENT FINGERPRINTS

Model FCC171C: *Version with Ductless Charcoal Filter*

Model FCC171D: *Version with External Ducting*



The *FCC171 Forensic Cyanoacrylate Cabinet* provides a safe and effective method of developing latent fingerprints using cyanoacrylate vapour. The FCC171 protects the user from contact with harmful fumes while allowing full control over the development process.

- **robust anodised aluminium construction**
- **glass door, and glass side walls, for excellent visibility**
- **in-built overhead lamp**
- **efficient fume circulation for optimum development**
- **activated charcoal filter for self-contained operation (not FCC171D)**
- **removable heater with disposable liners**
- **precise control of cyanoacrylate temperature**
- **top and bottom full-width shelves, which slide out for easy access**
- **large guns accommodated (diagonally)**
- **interactive electronic control with clear user prompts**
- **pre-programmed selections with provision to terminate or extend**
- **automatic interlocks to prevent accidental discharge of fumes**
- **developed by experienced forensic scientists**
- **comprehensive User's Guide included**
- **easy to clean**
- **optional aluminium stand**

The FCC171 replaces the FFC161 series of Forensic Fuming Cabinets. The FFC161 was originally introduced by Carter-Scott Design in 1992.

FCC171 Forensic Cyanoacrylate Cabinet

The FCC171 has a rigid aluminium frame to which are bonded glass and aluminium panels. The door is laminated safety-glass. The FCC171C model has integral ductless fume purging. The alternative FCC171D model has ducted fume extraction and must be connected to an external exhaust facility.

The FCC171 is normally set up on a bench or table. An accessory stand is available for free-standing installation.

| General Specification | |
|--------------------------------|---|
| evaporate phase | fixed, 8 minutes (automatically continues to fuming) |
| fuming phase | selectable, 1 minute to 16 hours can be extended or terminated (automatically continues to exhaust/purge) |
| exhaust/purge phase | fixed, 20 minutes; 40m ³ /hr max. flow rate |
| door lock | 'fail locked' electric latch (door remains locked until exhaust complete) |
| door lock override | external connector for manual access |
| display | interactive 32-character alphanumeric LCD |
| keypad | key assignment interactive with display |
| preset program selections | five typical development selections |
| charcoal filter (FCC171C only) | capacity: 750cm ³ (activated charcoal, granular) |
| | life: 50-75 exhaust cycles |
| | service: display prompts for filter renewal |
| | failsafe: control locks if filter not renewed |
| mains power | 240VAC/50Hz or 110VAC/60Hz |
| cabinet construction | anodised aluminium & laminated glass |
| shelf | two chrome plated steel wire trays (self-supporting when partially removed) |
| internal working dimensions | 780W x 640D x 780H mm. 1275mm diagonal. volume = 0.39 m ² |
| external dimensions & weight | 800W x 690D x 1010H mm, 55kg |
| shipping dimensions & weight | 990W x 850D x 1200H mm, 105kg |

| Accessory Stand, AS71 | |
|------------------------------|--|
| dimensions | 800W x 650D x 750H mm |
| construction | anodised aluminium, open frame |
| fitting | screwed to foot mounts of FCC171 frame |

Specifications subject to change without notice.

Available from: