

FDC EVIDENCE DRYING CABINET

- an environmentally friendly forensic evidence drying cabinet -



FUME  CARE

FDC FORENSIC DRYING CABINET

The Forensic Evidence Drying Cabinet is used for drying and storing evidence recovered from crime scenes. The cabinet will ensure containment of fumes, odours and particulates whilst also minimizing the risk of cross contamination.

The FDC cabinet range is ductless which allows it to be easily transported or moved to different locations. Designed and constructed using corrosion resistant materials increases its operational life.

All controls are located at the front of the cabinet and include an Electronic Display that displays the parameters and settings. The cabinet has RH Sensors that monitor the cycle and will inform the user when the drying cycle is complete so there is no need to break the security tag to check if the evidence is dry or not. The door is also fitted with a security tag as well as a key lock. A low airflow alarm will inform the user of any low airflow situation.

Its recirculatory design and double fans create a slight positive pressure in the drying which reduces any cross contamination issues with evidence in the drying cabinet. The incoming air is first passed through a hepa filter before passing in a sterile laminar flow pattern over the evidence being dried. The second fan extracts the air through another hepa filter and carbon filter to ensure no dangerous substances are exhausted into the atmosphere.

Each cabinet is equipped with a complete plumbing package that makes cleaning the cabinet easy. The spray hose is kept outside of the drying area to prevent any issues with cross contamination. A drain hose with a flexible waste hose is provided to allow waste water to be removed from the cabinet. The space inside the cabinet can be used to provide either full length hanging space with removable shelves for the storage of smaller items.



SPECIFICATIONS

Catalogue No.	FDC-75	FDC-100	FDC-150
Dimensions (WxDxH), mm	750 x 720 x 1925	1000 x 720 x 1925	1500 x 720 x 1925
Approx. Internal Dimension, mm	730 x 700 x 1120	980 x 700 x 1120	1480 x 700 x 1120
Airflow (m3/hr)	250m3/Hr	250m3/Hr	250m3/Hr
Main Hepa Filter	2	2	2
Main Carbon Filter	1	1	2
Inlet Pre-Filter	1	1	2
Noise (dBA)			
Electrical Supply	Single Phase 230v 50Hz, 5A fuse - 360 W (Watts)		
Switches	Mains On/Off		
Wheels	Lockable & Swivel Wheels Fitted - Load Capacity 160Kg (Static) 360Kgs		
Monitoring	Electronic Display: RH Control, Parameter Settings and airflow control		
Lighting	White LED Light (UV Optional Extra)		
Extraction	DC speed controlable Noise Centrifugal Fans		
Construction	Polypropylene fabricated chamber, epoxy powder coated steel door		

INTERNAL VIEW



All operational functions are carried out from the front of the cabinet

(Picture shows additional tray option)

CONSUMABLES

Consumable Items	Catalogue No.
Replacement RH Sensor	FDC-RH Sensor
Replacement Carbon Filter	FDC-001-60
Replacement Hepa Filter	FDC-030-40
Replacement Pre-Filter	FDC-PRF

UK DESIGN AND MANUFACTURE

Designed and built in our Merseyside ISO 9001 accredited facility.



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