FORENSIC EVIDENCE DRYING CABINET

WITH PLC+HMI USB TOUCHSCREEN

- an advanced new style of forensic evidence drying cabinet -

FDC-PRO-100-CF

FDC-PRO-150-CF

WARNING
READ MANUAL BEFORE
USING UV LIGHTS

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FUME CARE
FORENSIC DRYING

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FDC-PRO   FORENSIC EVIDENCE DRYING CABINET

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

The FDC-PRO cabinet range is ductless which allows them to be easilly transported to different locations. Designed and constructed using corrosion resistant materials increases its operational life.

The PLC Touchscreen control system has the ability to display and download all cycle data via a USB data logger port adding to the integrity of the system. The systems screen will show when the cycle is complete. All calibration and settings are done on the touchscreen. An optional UV Light with time setting facility is available for dry sterilisation of the cabinet. Airflow is monitored and if it drops below the pre-set level an alarm screen will display what has happened. The Data Logging USB port allows recorded drying cycles to be downloaded in XL format using a USB Memory stick. The home screen allows the user ID and evidence ID to be entered which is then displayed on the recorded cycle.

The cabinets downflow design and double fans create a slight positive pressure to the drying area 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.
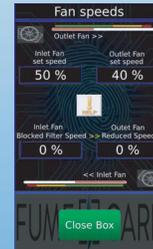
Each cabinet is equiped with a complete plumbing package that makes cleaning the cabinet easy. The spray hose is kept outside of the drying area to prevent any issues with cross contamination.

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 a full length hanging space and has a removable shelf for the storage of smaller items.

SPECIFICATIONS

Catalogue No.	FDC-PRO-75	FDC-PRO-100	FDC-PRO-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/H r	250m3/Hr
Main Hepa Filter	2	2	2
Main Carbon Filter	1	1	2
Inlet Pre-Filter	1	1	2
Noise (dBA)	<55		
Electrical Supply	Single Phase 230v 50Hz, 5A fuse - 755 W (Watts)		
Switches	Mains On/Off		
Wheels	Lockable & Swivel Wheels Fitted - Capacity 160Kg (Static) 360Kgs		
Monitoring	PLC+HMI Touchscreen with USB Download, All Parameter Settings		
Lighting	(UV Optional Extra)		
Extraction	DC speed controlable Low Noise Centrifugal Fans		
Construction	Polypropylene fabricated chamber, epoxy powder coated steel door		

CONSUMABLES

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

MAINTENENCE FEATURES

Calibration is carried out on the front display screen

The FDC-PRO range of cabinets includes a unique maintenance feature which records all parameters carried out during maintenance visits which will ensure that the continuity of the system ispreserved using tag numbers and can be downloaded to USB as evidence.

The cabinet is supplied with a wall mounted wash box to enable a quick and easy washdown facility between uses. The low pressure safety hand shower is attached to a convenient bracket fitted to the side of the box

UV Feature

UK DESIGN AND MANUFACTURE

Designed and built in our Merseyside ISO 9001-2015 accredited facility.