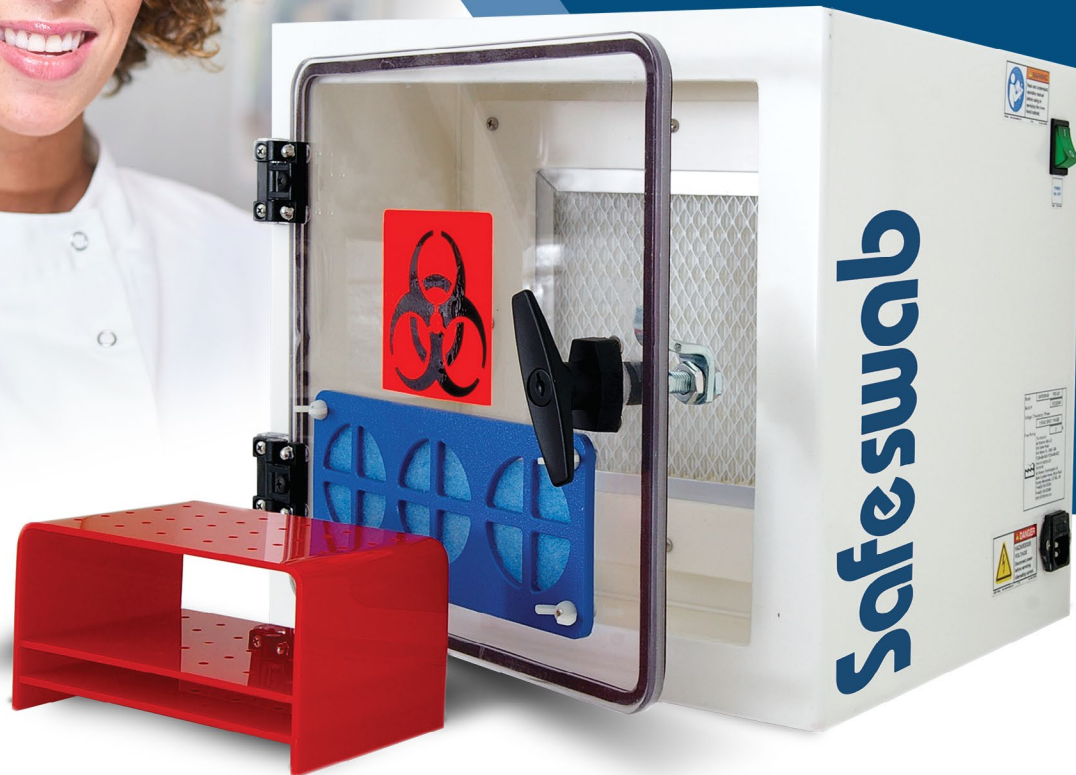




Safe SWAB

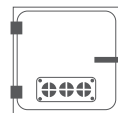
- Safely Dry Evidence Swabs While Protecting From Cross Contamination



Safe SWAB FDC-001



Product



001



001M



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INTRODUCTION

The Safe SWAB is a special purpose evidence drying cabinet designed to safely dry swabs used to gather blood, DNA and trace chemical evidence at crime scenes.

Part of the Safe KEEPER® Forensic Drying Cabinet product line, the Safe SWAB incorporates features that help maintain the chain of custody while ensuring accurate forensic results. The HEPA/ULPA main filter is formulated to contain any particulates or biological material that might be present on swabs, providing added protection for technicians during evidence processing.



Deep into its second generation, Air Science embraces the diversity and cultural heritage of the founders and co-workers who are continuing a tradition of excellence. Demonstrating a commitment to adaptation, inclusion and quality output from a United States-based company with a domestic and global reach.

APPLICATIONS

Using innovative filtration technology, the Safe SWAB drying cabinet creates a safe work environment over the widest range of applications in the industry.

State and Federal Crime Laboratories \ Medical Examiners and Coroners \ Law Enforcement Agencies \ Hospital Emergency Rooms \ Drug Agencies

KEY FEATURES

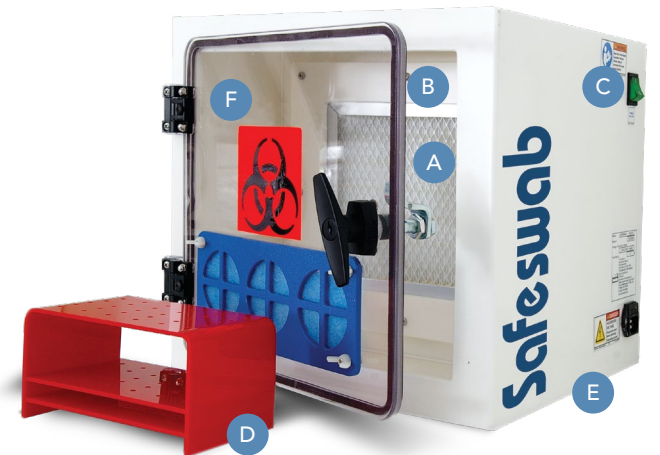
- Horizontal airflow geometry.
- Effective protection to personnel from particulate hazards.
- Controlled airflow to dry items of evidence in the cabinet.
- Lockable doors for security.
- Easily cleaned to protect items of evidence from cross contamination.
- Safe and easy to change HEPA/ULPA filters.

DESIGN FEATURES

- A.** Filtration: HEPA/ULPA main filter traps particulates and biological material.
- B.** Airflow: Horizontal airflow geometry.
- C.** On/Off Switch: Manual On/Off fan switch (FDC-001 only).
- D.** Swab Holder: 15 or 30 swab capacity.
- E.** Design Options: Available in tabletop or mini configurations.
- F.** Clear Door: Clear, gasket-sealed door latches securely to thoroughly contain all contaminants.



Safe SWAB FDC-001M



Safe SWAB FDC-001

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SafeSWAB™

Swab Drying Cabinet

001 • 001M

DESIGN FEATURES

3

Each Air Science Safe SWAB includes features expressed through sound design and certified quality construction. Options and accessories add functional performance to meet specific applications.

PERFORMANCE

The Air Science [Multiplex™ Filtration System](#) offers a range of options for high performance protection.

Multiplex filter configuration permits a customized combination of filter media for a broad range of chemical families and biological agents if required.

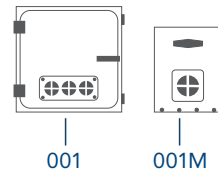
DESIGN

Professional quality Air Science Safe SWAB swab drying cabinets comply with current technical and safety regulations. The cabinet frame and work surfaces, comprised of industrial components, are durable and chemically resistant.

The Air Science filter assembly is easy to access, easy to change, plus a unique filter clamping design eliminates bypass leakage outside the cabinet.

RELIABILITY

Internal systems are isolated from fumes, extending product life.

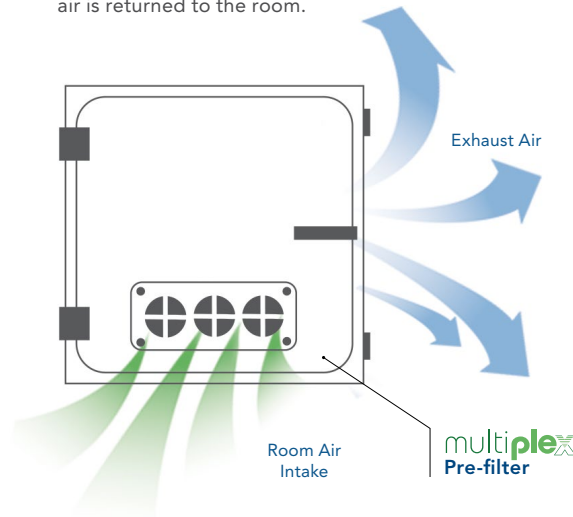


SELECTION

Swab drying cabinet products are available in 2 standard sizes, in 15 or 30 swab capacity with 60Hz or 50Hz electrical options.

AIRFLOW

The Safe SWAB maintains a constant face velocity of 100 fpm in compliance with USA and international standards for safety and performance. Contaminated air is pulled through the Multiplex filtration system; clean air is returned to the room.



FILTRATION

At the heart of the Purair product line is innovative filtration technology. **The Multiplex Filtration System** consists of a pre-filter, main activated carbon or HEPA/ULPA filter, and safety activated carbon or HEPA/ULPA filter. The system permits a customized combination of filter media and configuration for chemical and physical adsorption specific to each application need.

The Air Science **carbon filtration technique** is based on enhanced, activated carbon particle formulations from specially selected, naturally occurring raw material that is superior to wood or other organic sources. The carbon is treated to attain the proper porosity and aggregate surface area and to react with several ranges of aerosolized chemicals moved through the filter by an air handling blower.

View available filters and descriptions on [page 4](#).

Filter disposal services are available in selected markets providing responsible destruction or recycling of used saturated filters in authorized facilities.



Through our partner company [Filtco Filters](#), Air Science is a single source supplier of all pre-filters, carbon filters, and HEPA/ULPA filters used in our products.

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MODEL	DIMENSIONS			WEIGHT (LBS/KG)	
	Internal Height	External (W x D x H)	Shipping (W x D x H)	Net	Ship
FDC-001	15.25" / 387 mm	16" x 20" x 16" / 406 x 508 x 406 mm	24" x 24" x 24" / 610 x 610 x 610 mm	18 / 8.2	25 / 11.4
FDC-001M	15.25" / 387 mm	7.5" x 8" x 9.5" / 191 x 204 x 242 mm	12" x 12" x 12" / 305 x 305 x 305 mm	9 / 4.1	14 / 6.4

FILTER SUMMARY*

Formula	Description
HEPA/UPLA	Powders and particulates.

*Other formulas may be available.

PRODUCT SPECIFICATIONS

	FDC-001	FDC-001M
Filtration	<... Horizontal. ...>	
Construction	<... Polypropylene main body and clear polycarbonate door.. ...>	
Finish	<... Polypropylene main body and clear polycarbonate door.. ...>	<... Powder coated steel main body and clear polycarbonate door. ...>
Blower	<... Centrifugal fan. ...>	
Controls	<... Main On/Off. ...>	
Electrical	<... 120V, 60Hz or 230V, 50Hz voltages available. Specify when ordering. Other voltage options available. ...>	
Door	<... UV absorbing transparent window. ...>	
Swab Holder	2 (30 swabs)	1 (15 swabs)

FILTER SPECIFICATIONS

	FDC-001	FDC-001M
Primary Filter*	(1)	(1)
Pre-Filter*	(1)	(1)

View additional information on the Multiplex Filtration System on [page 3](#).

OPTIONS AND ACCESSORIES

		FDC-001	FDC-001M
Swab Rack	Helps organize and track multiple swabs during processing, while preventing cross contamination from one swab to another while air drying is underway.	SWABRACK-FDC	SWABRACK-FDC

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WARRANTY

This product is protected by the Air Science Legacy Limited Lifetime Warranty™.



For details visit the [Warranty section](#) of our website.

STANDARDS & COMPLIANCE

Protection	Biological Particulates
Quality Management Systems	ISO 9001:2015
Environment	ISO 14001:2015 ENERGY STAR® Partner



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