

Safeswab



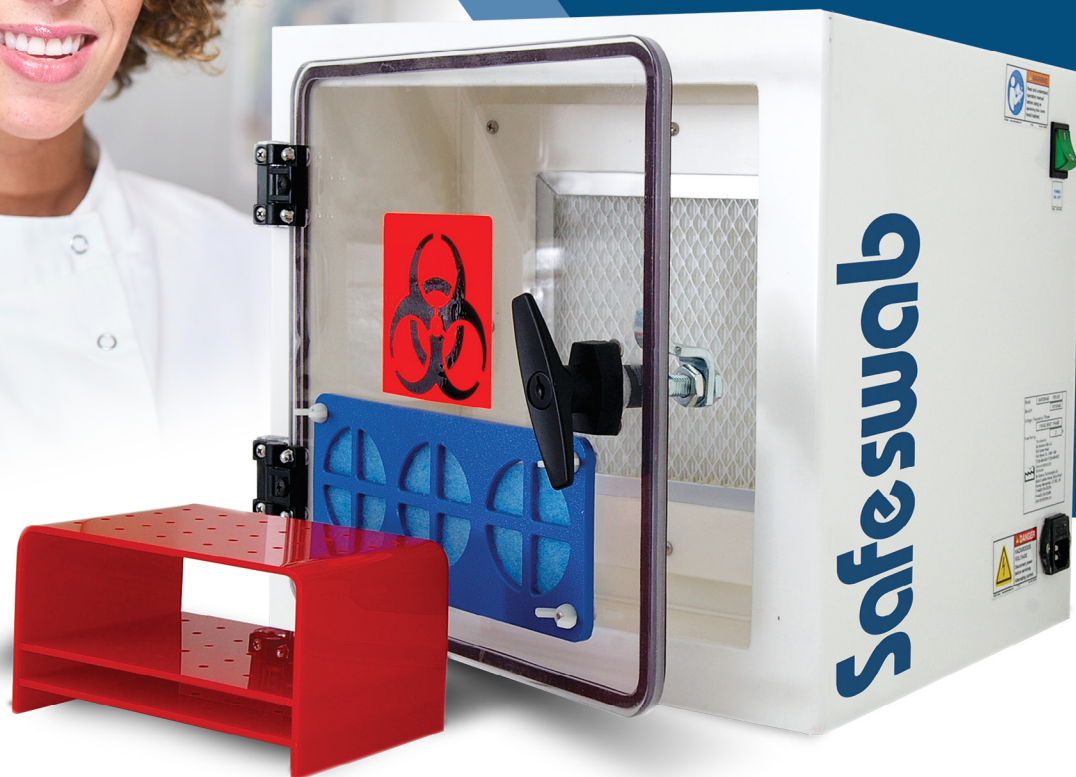
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001M



Safeswab

- Safely Dry Evidence Swabs While Protecting From Cross Contamination



Safeswab FDC-001



Air Science®

"The World's Most Extensive Selection of Containment Solutions."



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INTRODUCTION

The Safeswab 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 Safekeeper® Forensic Drying Cabinet product line, the Safeswab 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 Safeswab 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

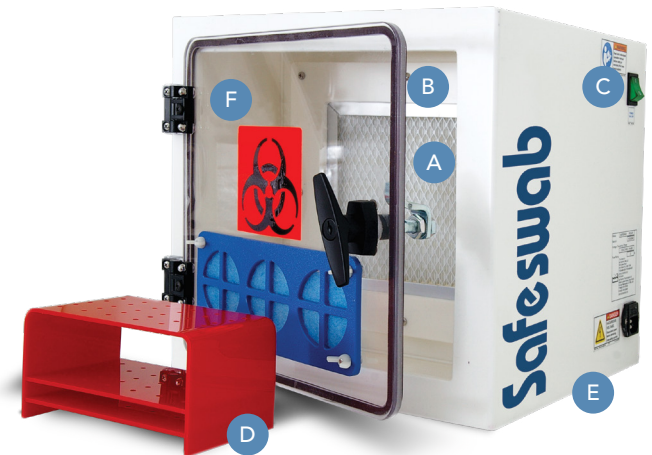
- Horizontal airflow geometry.
- Effective protection to personnel from particulate hazards.
- Controlled airflow to dry items of evidence in the cabinet.
- Lockable doors for security.
- Easily cleaned to protect items of evidence from cross contamination.
- Safe and easy to change HEPA/ULPA filters.

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.



Safeswab FDC-001M



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Each Air Science Safeswab 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.



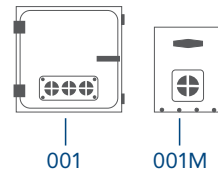
DESIGN

Professional quality Air Science Safeswab 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.

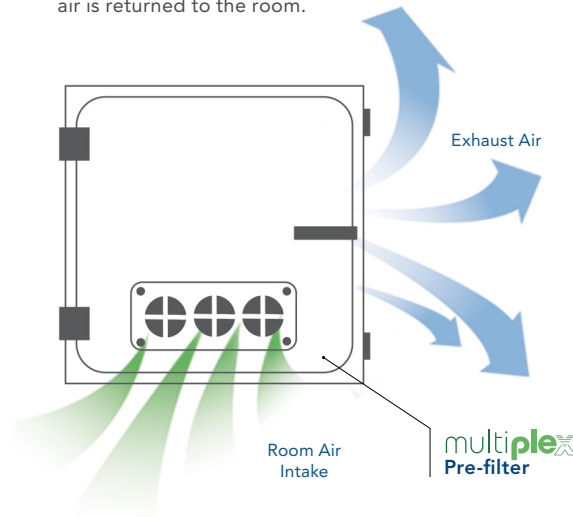


SELECTION

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

AIRFLOW

The Safeswab 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.



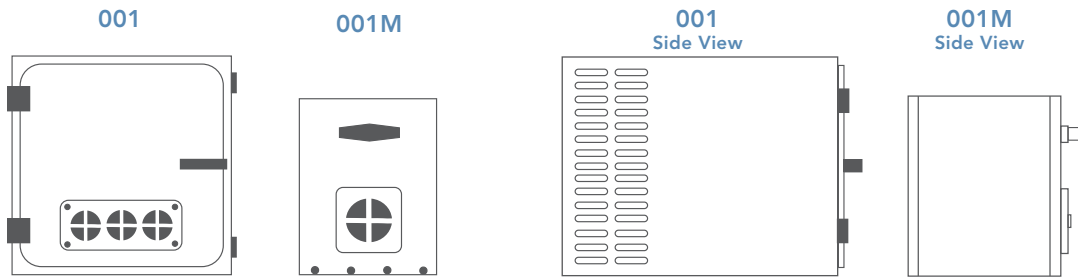
Filter disposal services are available in selected markets providing responsible destruction or recycling of used saturated filters in authorized facilities.



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

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)

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

FILTER SUMMARY

Formula	Description
GP Plus!	The most widely used filter in the range, primarily for solvent, organic, and alcohol removal.
ACI Plus!	Neutralizes volatile inorganic acid vapors.
ACR	Iodine and methyl iodide vapors as well as low level radioactive iodine.
ACM	Mercury vapor.
AMM	Removes vapors from dilute ammonia solutions and to remove low molecular weight amines.
SUL	Designed to remove hydrogen sulphide and low molecular weight mercaptans.
CYN	Removal of hydrogen cyanide. Many cyanide compounds will evolve HCN gas if acidified, so this filter is normally specified if working with any cyanide compound.
FOR	Designed to oxidize formaldehyde and glutaraldehyde fumes. It is widely used in hospital pathology laboratories.
EDU	Designed to handle chemicals normally used in a university level chemistry curriculum.
MIL	Designed for military applications involving war gasses.
HEPA/UPLA	Powders, particulates, and biologicals.

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

FILTER SPECIFICATIONS

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

Specifications are subject to change without notice or obligation on the part of Air Science. For questions contact Air Science.

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WARRANTY

This product is protected by the Air Science **Legacy Lifetime Warranty™** which starts on the date of shipment from our factory. This limited warranty is the result of thousands of successful Air Science production applications in pharmaceutical, laboratory, forensic, industrial, and educational applications.

This warranty covers defects in materials and workmanship. Our liability under the Legacy Lifetime Warranty is, at our option, to repair or replace any defective parts of this equipment if you document that these parts were defective at the time we sold the product to you. Normal conditions apply.



For details visit the [Service section](#) of our website at www.airscience.com.

STANDARDS & COMPLIANCE

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



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WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.