

USP 797/800 Compliance Cleaning Solutions

ARE YOU READY?

USP 797/800 Compliance for compounding pharmacies is an ongoing and important issue. Do you need to improve your compounding air quality to help pass USP 800 testing? The deadline for compliance is **December 1, 2019**.

USP 800 COMPLIANCE REQUIREMENTS

USP Chapter 800 provides new regulations for hazardous drug compounding, similar to the USP 797 non-hazardous drug compounding regulations. These new air cleanliness guidelines include two major changes:

I. NEGATIVE PRESSURE REQUIREMENTS

In regular atmosphere conditions, a positive pressure environment causes molecules to spread outwards and fill a room somewhat evenly. Negative pressure means molecules in the air are pulled toward the center of the room and toward a controlled disinfection point. This keeps pathogens away from sensitive drug compounds, and keeps stray drug molecules away from pharmacists.

SOLUTION: The SAM 400® exclusive **360-degree air induction and discharge non-disturbance airflow system** is a passive neutral air scrubbing system. It will not affect overall air flow, temperature, or humidity, so it can be placed in any part of your compounding lab for air disinfection. SAM 400® can be placed in **positive and/or negative air pressure environments**.

2. EXTERNAL CONTAMINANT EVACUATION

Your air disinfection system must **NOT** recirculate filtered contaminants back into the room. Filtered air must be expelled via external exhaust to maintain a higher standard of air cleanliness in the compounding facility. This is difficult to achieve in facilities (modern or older) due to short comings in HVAC design, room air circulation prior to evacuation, and HEPA filtration with its 0.3-micron size limitations. If compounding pharmacy air does not meet USP 800 standards, smaller contaminants can get mixed with the drugs. Since these drugs are injected directly into the patient's bloodstream, these small and otherwise unthreatening pathogens can bypass the immune system.

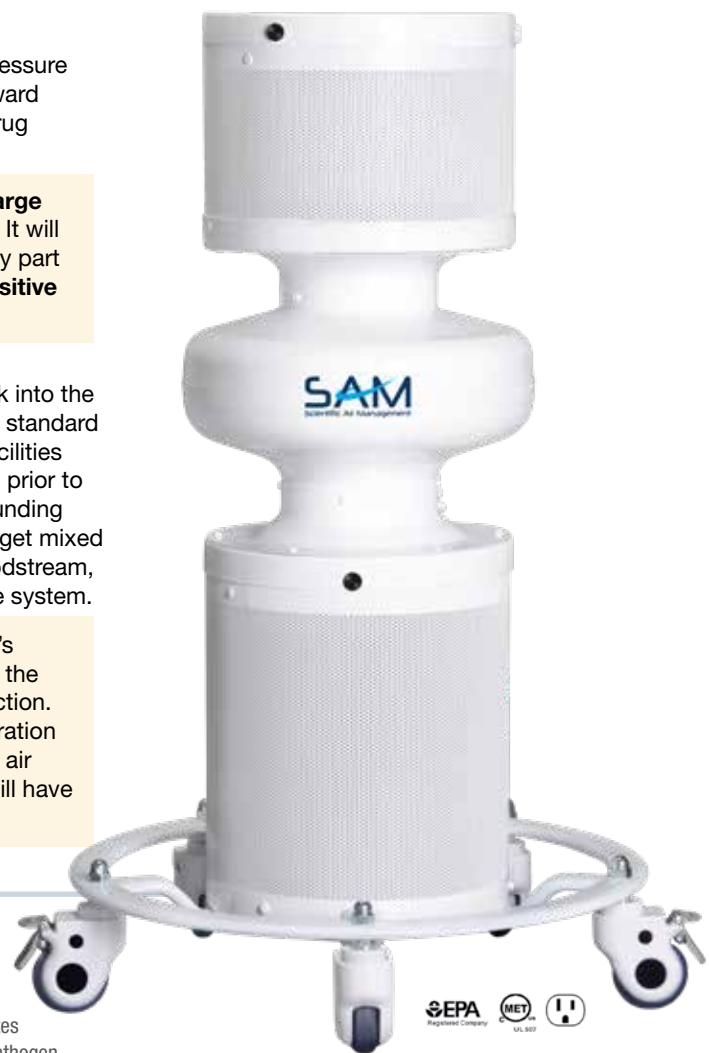
SOLUTION: Since an external exhaust system rarely filters 100% of a room's contaminants, and because the SAM 400® kills **ALL** pathogens smaller than the HEPA 0.3-micron mesh size, the SAM 400® assists with whole-room disinfection. There is no recirculation of contaminants in the room regardless of HEPA filtration and HVAC negative pressure inconsistencies. The SAM 400® will not impact air flow, temperature, or humidity of the compounding pharmacy, so facilities will have no problem meeting USP 797-800 Air Borne test requirements.

SAM 400® OFFERED BY GEERPRES®

In minutes, the SAM 400® uses a patented UV-C technology, processing large amounts of fast-moving air (400 CFM) to kill pathogens, reduce particulates, and remove odor and VOCs in a standard 10'x10'x 8' (800 cubic feet) room.

BENEFITS

- EPA guideline tested and certified whole room air disinfection in minutes
- Mitigate HAIs with patented UV-C pathogen killing **99.9995%** efficacy rating
- Verified elimination of virus, bacteria, mold, particulates, odor and VOCs
- Powerful and quiet 24/7 UV-C air scrubbing - 100% safe for patients and staff



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ADVANTEX® SINGLE-USE MICROFIBER MOP

Microfiber technology offers many benefits for efficient cleaning. Microfiber locks and lifts bioburden, dirt and pathogens away while helping to eliminate cross-contamination.

- Manufactured in an ISO 6/1000 cleanroom
- Non-linting, USP 797/800 compliant
Covers 250 sq. ft. per mop
- Best-in-class solution volume delivery with the least waste of any similar product (supporting data available upon request)

ADVANTEX® SINGLE-USE MICROFIBER WIPES

- Available in 12"x12" 1/4 folded wipes in convenient packages or dispenser with 10" x 12" wipe in a roll
- Constructed of 70 GSM (1/4 folded wipe) and 48 GSM (rolled wipe) hydroentangled, synthetic microfibers
- Compatible with all disinfectant solutions
- Tremendous absorbency and release in a durable single-use and low-cost wipe

ADVANTEX® G8 MICROFIBER APPLICATOR SYSTEM

The Advantex® G8's revolutionary, large-capacity removable tank makes refilling easy. The dual outlet provides uniform application and flow control.

- Ergonomic swivel trigger
- Unique to Geerpres® - 32 oz. refill bottle stacks on EVS carts
- Dual outlet dispenses fluid at a 90° angle
- 16" Advantex® Mop Frame is designed with micro hook and loop fastening to avoid lint accumulation
- Patent pending

ORION® SS CART

Operating and cleanroom environments require maximum antimicrobial protection and easy sanitization.

- Offers 5.0 cu. ft. of lockable storage space
- Virtually no seams to eliminate contaminating harbor points
- Type 304 stainless steel construction
- Provides maximum antimicrobial protection
- Front and rear roller bumpers to protect walls

ISO-CLEAN® SS ISOLATOR CLEANING TOOL

Designed to easily fit into and clean isolation chambers.

- Electropolished stainless steel handle provides protection from moisture, bacteria and corrosion
- Ideally paired with the Advantex® Single-use Isolator Pocket Mop

FLAT MOP BUCKETS

Stainless Steel with Lids and Sieve

- Available in 2-bucket and 3-bucket systems (includes buckets w/lids and 1 sieve)
- Electropolished finish
- Fully autoclavable

WALL WASHING SYSTEMS

- Handles available in both Type 304 stainless steel or anodized-aluminum
- Stainless steel handles are sealed at the end and welded where the mop attaches
- Stainless steel handles and frames are fully autoclavable
- Ideally paired with the Advantex® Single-use Wall Wash Mop

COMPLIANCE CLEANING SOLUTIONS

Model #	Description
5902	SAM 400® Portable Disinfection Device
4832	ADVANTEX® Single-use Microfiber Mop
4842D12	ADVANTEX® Single-use Non-woven Microfiber Roll with Dispenser 10" x 12" Wipe (50 per roll - 6 rolls per case)
48424	ADVANTEX® Single-use Non-woven Microfiber 1/4 Folded 12" x 12" Wipe (50 per pack - 24 packs per case)
200020	ADVANTEX® G8 Applicator System 56-1/2" Aluminum Handle (16 oz. capacity) 1 - 16" Advantex® Mop Frame with MicroVelcro® (mop not included) 1 - Refill Bottle
200022	ADVANTEX® G8 Applicator System Refill Bottles (2 Pack)
2730	Orion® Stainless Steel Cart
2647	ISO-Clean® Stainless Steel Isolator Cleaning Tool (Extends 16" - 23")
483238	Single-use Isolator Pocket Mop
2648	Flat Mop Buckets
Customize	Wall Washing Systems (Handles & Frames)
2686	ADVANTEX® Single-use Wall Wash Mop for 7" Head Frame (12 per case)
2688	ADVANTEX® Single-use Wall Wash Mop for 12" Head Frame (12 per case)
2687	ADVANTEX® Single-use Wall Wash Mop for 14" Head Frame (12 per case)