

Model 300 Portable Medical Fume Extractor

MADE IN THE USA



SINCE 1983

Model # SS-300-MED

Compact & Portable Solution. The *Model 300 Medical Fume Extractor* provides fume extractions and air purification customized to fit a variety of medical applications or procedures. This compact and ductless system utilizes an energy-efficient fan that pulls most of the airborne contaminants away from the operator's breathing zone and into the filtration system. The ductless design enables this system to move freely from place to place on locking casters without the requirement for external ductwork. The self-supportive extraction arm allows additional flexibility, enabling the operator to position the inlet in the most effective position for their process.

Customizable Filtration Options. Depending on the application, several high quality filtration options are available for this unit. Options include: **ULPA** (up to 99.9995% efficiency on particles 0.12 microns and larger), **HEPA** (up to 99.97% efficiency on particles 0.3 microns and larger), **ASHRAE** (up to 95% efficiency on particles 0.5 microns and larger), **Activated Carbon**, and **specialty-blended filter media** [i.e. acid gas, mercury, aldehydes, and ammonia]. This system can house multiple filters, which allows for both extraction of particulate and adsorption of fumes.

Suitable for a Variety of Medical Processes. The *Model 300 Medical Fume Extractor* provides a simple and effective solution for air filtration and fume extraction in a variety of medical, laboratory and dental applications:

- Pathology labs
- Dental labs
- Orthopedic labs
- Dental technician labs
- Microbiology labs
- Respiratory sensitivities
- Clean room applications
- Surgery prep
- Critical-care facilities
- Laser surgery fume and odor
- Odor sensitive areas
- Oncology wards
- Pharmacies
- Hematology ICUs
- General air purification

Product Features

- **Includes:** Variable Speed Controller (115V only), ON/OFF Toggle Switch (220V only), 68" long x 4" diameter flex arm, portability handle, and heavy-duty casters
- **Optional:** Magnehelic Gauge and hour counter
- Quiet operation and energy efficient
- Reliable, low maintenance operation
- Simple, quick "no tool" filter change with long filter life



Model 300 Medical Fume Extractor



The Medical Fume Extractor helps to remove fumes from medical procedures.



Dental professionals can utilize the Medical Fume Extractor to capture dental aerosol to help prevent disease spread.



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Fume & Particulate Removal

Product Specifications



Dimensions are approximate



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Base Unit Dimensions	Length: 15.5" (Includes Control Box) Width: 13" Height: 16.5"
Arm Dimensions	4" diameter x 68" long self-supportive flex arm 7" or 8.75" diameter round capture hood
Cabinet Material	16 ga. carbon steel with polyester epoxy coating
Weight (approximately)	50 lbs
Air Volume (approximately)	High: Up to 350 CFM Low: Down to 50 CFM
Electrical	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	Approx. 61 to 66 dba
Main Filter Options	<i>Depending on the Application:</i> HEPA [up to 99.97% efficiency on particles 0.3 microns and larger] ASHRAE [up to 95% efficiency on particles 0.5 microns and larger] ULPA [up to 99.9995% efficiency on particles 0.12 microns and larger] Activated Carbon Specialty-Blended Filter Media [i.e. acid gas, mercury, aldehyde, and ammonia]
Warranty	Limited two year warranty from date of shipment on defects due to materials or workmanship.
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