

## Model 300 Medical Fume Extractor

### Model # SS-300-MED

#### Product Specifications

##### BASE UNIT DIMENSIONS

15.5" Length, *Including Control Box*  
 13" Width  
 16.5" Height

##### ARM DIMENSIONS

4" or 5" Dia., 68" Long Flex Hose (7" or 8.75" Dia. Round Hood)

##### CABINET MATERIAL

16 ga. Carbon Steel with Polyester  
 Epoxy Coating on all surfaces

##### WEIGHT

Approx. 50 lbs.

##### AIR VOLUME

Variable Speed Control Standard on 115V  
 350 CFM High, Down to 50 CFM Low  
 On/Off Toggle Switch Standard on 220V

##### ELECTRICAL

115/1/60, 2 amps  
 220/1/50, 0.75 amps  
 8' grounded power cord with NEMA 5-15P Plug

##### SOUND LEVEL

61 to 66 dba (Blower Speed: Low to High)

##### FILTRATION

Depending on the Application:

- HEPA [up to 99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [up to 95% efficient on particles 0.5 microns and larger]
- ACTIVATED CARBON
- SPECIALTY-BLENDED FILTER MEDIA [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]

##### WARRANTY

Limited two-year warranty from date of shipment on defects due to materials or workmanship.  
 PATENT #5,843,197



Dimensions are approximate



The Model 300 Medical Fume Extractor being used for collodion application.

#### Product Features

- Variable Speed Controller *Included*
- Portable Handle *Included*
- Quiet Operation
- Reliable, Low Maintenance Operation
- Low Power Consumption
- Simple, Quick "No Tool" Filter Change
- Long Filter Life
- Optional Magnehelic Gage
- Optional Hour Counter

**Compact & Portable Solution.** The Model 300 Medical Fume Extractor can be customized to fit a variety of medical applications or procedures that require fume extraction and air purification. This compact and ductless system is equipped with an energy-efficient fan that pulls airborne contaminants away from the operator's breathing zone and into the filtration system. This unit does not require exterior ducting and can move freely from place to place on locking casters. The self-supportive extraction arm provides additional flexibility, allowing the operator to position the inlet in the most effective position for their process.

**Customizable Filtration Options.** Several filtration options are available for this unit and are selected based on the application being performed. Options include: ULPA [up to 99.9995% efficient on particles 0.12 microns and larger], HEPA [up to 99.97% efficient on particles 0.3 microns and larger], ASHRAE [up to 95% efficient on particles 0.5 microns and larger], Activated Carbon, and specialty-blended filter media [i.e. Acid Gas, Mercury, Aldehydes, Ammonia]. This system can house multiple filters, which allows for both extraction of particulate and adsorption of fumes when required.

**Suitable for a Variety of Medical Processes.** The Model 300 Medical Fume Extractor can be a simple and effective solution for air quality enhancement 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



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