

Model 300 PAO Portable Fume Extractor

Model # SS-300-PAO

MADE IN
THE USA



SINCE 1983

The **Model 300 PAO Portable Fume Extractor** offers the highest efficiency while simplifying PAO testing with a built-in upstream testing port. The direct testing port allows a testing probe to easily capture the upstream concentration of PAO in order to test the efficiency of the HEPA or ULPA filter.

PAO testing provides filter safety assurance for applications that work with sensitive or dangerous substances. This portable fume extractor offers efficient fume and particulate extraction for a variety of applications such as *pharmaceutical, medical, analytical labs that work with sensitive particles, asbestos testing, and any other application that requires PAO testing.*

The **Model 300 PAO Portable Fume Extractor** utilizes a variable speed controller to adjust the fan from low to high. The backlit digital display shows the unit's current pressure to help monitor the filter's saturation and a digital hour counter. The unit's pressure is monitored post-filter with a digital magnehelic gauge. This system offers a main filter choice of **HEPA filtration** (up to 99.97% efficiency on particles 0.3 microns and larger) or **ULPA filtration** (up to 99.995% efficiency on particles 0.12 microns and larger).

This unit also comes standard with a self-supportive flex arm, quick filter change clips, a portability handle, and heavy-duty locking casters. The self-supportive flex arm can be easily manipulated to help capture contaminants at the source. The filter change clips on the unit seals the filtration chamber but also enables a quick filter change process requiring no tools.

The **Model 300 PAO Portable Fume Extractor** provides an excellent solution for technical and sensitive applications that require frequent PAO testing. This unit has been third party tested and meets PAO test certification.



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An employee conducting PAO testing on the Model 300 PAO Portable Fume Extractor by measuring the upstream and outlet concentration.

Product Features

- **Includes:** self-supportive flex arm, portability handle, heavy-duty locking casters, Variable Speed Controller, quick change filter clips, and a backlit display with digital Magnehelic Gauge and digital hour counter
- PAO Test Certified (3rd party tested)
- Simple, one minute filter change process
- Reliable, low maintenance operation



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Fume & Particulate Removal

Product Specifications



8.5" Capture Hood

5" Diameter,
68" L Flex Arm

13"

13"

13"

Dimensions are approximate



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Base Unit Dimensions	Length: 13" (Including Control Box) Width: 13" Height: 13"
Arm Dimensions	5" diameter x 68" long fire-retardant flex arm 8.5" round capture hood
Cabinet Material	16 ga. carbon steel G90 cold dip galvanized
Weight (approximately)	50 lbs
Air Volume (approximately)	Up to 290 CFM
Electrical	115/1/60, 2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	Approx. 43 to 68 dba
Main Filter Options	<i>Depending on the Application:</i> HEPA [up to 99.97% efficiency on particles 0.3 microns and larger] ULPA [up to 99.9995% efficiency on particles 0.12 microns and larger]
Limited Warranty	Limited 12-month warranty from date of shipment on defects due to materials or workmanship.