

48" Portable Clean Room

Model # SS-348-PCR-C



The **48" Wide Portable Clean Room** offers up to an *ISO Class 5 cleanroom* to help protect the process from outside contamination and particulate. This system utilizes a horizontal laminar airflow pattern and a dual-stage filtration to create a positive-pressure environment by supplying filtered air to the workspace. The **Portable Clean Room** draws in ambient air and processes the air through a pre-filter and the main **HEPA filter** (up to 99.97% efficiency on particles down to 0.3 microns).

This custom portable clean room features dual *Model 300 Air Cleaners* providing a higher airflow to the workspace (up to 700 CFM).

The **48" Portable Clean Room** offers a reliable and low maintenance operation for a variety of applications including *IV infusion, parts inspection, optics/laser assembly, tissue culturing, data recovery, stem cell therapy practices and other medical applications*. This unit's compact size and portable nature also make it a good choice for field-testing applications that require frequent travel. To manage the air volume, this unit comes standard with a variable speed controller. Also included is a LED light with an optional UVC light for surface disinfection.

Our line of portable clean rooms is not intended for chemotherapy.

Product Features

- **Includes:** anti-static vinyl curtains, (2) 24" LED lights, (2) Model 300 air cleaners, Variable Speed Controller, and horizontal laminar flow plenum
- **Optional:** UVC light, Magnehelic Gauge, hour counter, and removable spill tray
- Provides up to an ISO Class 5 Clean Room
- Highly portable and lightweight
- Quiet operation
- Reliable, low maintenance operation
- Long filter life
- Simple "no tool" filter change



48" Portable Clean Room



48" PCR provides a clean workspace for tissue culturing (Single air cleaner unit shown above).

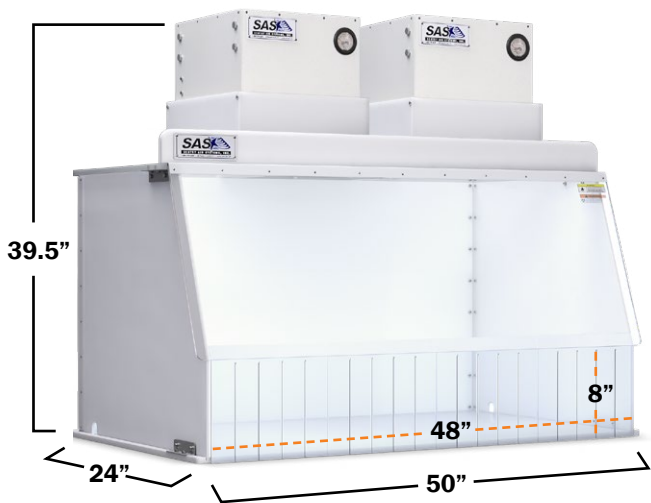


The 48" PCR provides a sterile workspace for a variety of medical applications (Single air cleaner unit shown above).



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Product Specifications



Dimensions are approximate.



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Hood Dimensions (D x W x H)	Outer: 24" x 50" x 25" Interior: 23.5" x 48" x 24" Access Area: 8" x 48"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions (L x W x H)	15.5" x 13" x 14.5"
Blower Material	16 ga. carbon steel with polyurethane epoxy coating on all surfaces
Weight (approximately)	165 lbs
Classification	Up to ISO Class 5
Air Volume (approximately)	Up to 700 CFM (with HEPA filter media)
Electrical	115/1/60, 2 amps (per blower) 8' grounded power cord with NEMA 5-15P plug
Sound Level (High at 3' from inlet)	Approx. 55 dba
Pre-Filter	MERV 8 Pre-Filter
Main Filter	HEPA [up to 99.97% efficiency on particles 0.3 microns and larger]
Warranty	Limited three-year warranty from date of shipment on defects due to materials or workmanship.
Patent	#5,843,197

