

50" Portable Clean Room – Generation II

Model # SS-350-PCR2



The **50" Portable Clean Room - Generation II** offers updated features to make it easier for the user to operate, monitor, and maintain the system. The *PCR2 Series* features a front-facing variable speed controller, easy filter change, running indicator light, and improved airflow and efficiency. This unit also allows for PAO testing to test the filter for leaks and ensure the system's efficiency.

The *50" Wide Portable Clean Room - Generation II* provides up to an **ISO Class 5 Clean Room** to help protect the process from outside contamination and particulate. This system utilizes a vertical laminar airflow pattern and a high quality filter to create a positive-pressure environment. The *Portable Clean Room Hood* draws in ambient air and processes the air through a main filter to supply filtered air to the workspace.

Main filter choices include **HEPA filtration** (up to 99.97% efficiency on particles down to 0.3 microns) and **ULPA filtration** (up to 99.9995% efficiency on particles down to 0.12 microns).

The *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. This unit does not require makeup air or expensive ductwork saving on installation and operating costs.

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



*50" Portable Clean Room
(Generation II)*

Product Features

- **Includes:** anti-static vinyl curtains, LED light, front-facing variable speed controller, and running indicator light
- **Standard Sizes:** 24", 30", 40", 50", 60", and 70"
- Provides up to an ISO Class 5 Clean Room
- Highly portable and lightweight
- Quiet operation
- Reliable, low maintenance operation
- Long filter-life
- Simple filter change



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Positive-Pressure Clean Room

Product Specifications



Hood Dimensions (D x W x H)	Outer: 24" x 52" x 25"; Interior: 23.5" x 50" x 24"; Access Area: 8" x 50"
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	13" x 13" x 11" (L x W x H)
Blower Material	16 ga. carbon steel with polyurethane epoxy coating on all surfaces
Weight	105 lbs (approximately)
Classification	Up to ISO Class 5
Air Volume	HEPA: 50 - 400 CFM; ULPA: 50 - 300 CFM (approximately)
Electrical	115/1/60, 1.65 amps; 8' grounded power cord with NEMA 5-15P plug
Sound Level	Approx. 50 - 65 dba (low to high at 3' from inlet)
Main Filter Options	Depending on the Application: 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]
Warranty	Limited one-year warranty from date of the shipment on defects due to materials or workmanship.



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