

## 40" Portable Clean Room



Model # SS-340-PCR

The **40" 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 vertical laminar airflow pattern and a dual-stage filtration to create 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 main filter. 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 **40" 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.*



40" Portable Clean Room



40" PCR provides a clean workspace for tissue culturing.

### Product Features

- **Includes:** anti-static vinyl curtains, LED light, and variable speed controller (115V only)
- **Optional:** UVC light, Magnehelic Gauge, hour counter, and removable spill tray
- **Standard Sizes:** 12", 18", 24", 30", and 40"
- 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



The 40" PCR provides a sterile workspace for a variety of medical applications

# Positive-Pressure Clean Room

## Product Specifications



Dimensions are approximate.

<b>Hood Dimensions (D x W x H)</b>	<b>Outer:</b> 24" x 42" x 25" <b>Interior:</b> 23.5" x 40" x 24" <b>Access Area:</b> 8" x 40"
<b>Hood Material</b>	<b>Sides:</b> 0.25" white acrylic <b>Base:</b> 0.5" white high density polyethylene <b>Top:</b> 0.5" clear polycarbonate <b>Front Window:</b> 0.25" clear polycarbonate
<b>Blower Dimensions (L x W x H)</b>	15.5" x 13" x 14.5"
<b>Blower Material</b>	16 ga. carbon steel with polyurethane epoxy coating on all surfaces
<b>Weight (approximately)</b>	115 lbs
<b>Classification</b>	Up to ISO Class 5
<b>Air Volume (approximately)</b>	Up to 350 CFM (with HEPA filter media)
<b>Electrical</b>	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level (High at 3' from inlet)</b>	Approx. 55 dba
<b>Pre-Filter</b>	MERV 8 Pre-Filter
<b>Main Filter Options</b>	<i>Depending on the Application:</i> <b>HEPA</b> [up to 99.97% efficiency on particles 0.3 microns and larger] <b>ULPA</b> [up to 99.9995% efficiency on particles 0.12 microns and larger]
<b>Warranty</b>	Limited three-year warranty from date of shipment on defects due to materials or workmanship.
<b>Patent</b>	#5,843,197



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