

soloPURE Aseptic Processing Isolator



Grade-A Environment.
Quick Turnaround.
Maximum Efficiency.

Meet the soloPURE Aseptic Processing Isolator. This closed-barrier system for sterile manufacturing provides a closed Grade-A, aseptic environment for conducting fill finish activities along with handling other sterile or aseptic processes. Complete with a H14 HEPA filter on the inlet airflow and double H14 HEPA filter exhaust airflow on the chamber, soloPURE is capable of handling both sensitive products in a positive pressure environment and potent sterile powders in a negative pressure environment. Contact us for information or a quote today.



Closed-Barrier System for Sterile Manufacturing

Testable Filter Integrity

HEPA filters can be integrity tested prior to the next campaign, ensuring efficient replacement.

Double H14 HEPA Filters

Any potent airborne particulate will be captured in the filter system and disposed of.

Double-Sided for Greater Access

Allows two operators to work opposite each other for enhanced workflow practices.

Positive & Negative Pressure

Allows operators to work with both aseptic liquid product and potent powders in the same unit.

Built In Pressure Decay

Decay testing ensures integrity of the isolator and film before every use.

Fully Disposable Chamber

Replaceable enclosure eliminates the need for cleaning and validation when cross-contamination is a concern.

Bolt-On Modules

Modules for lyophilizer loading or VHP transfer expand processes without expensive equipment.

Automatic Control System

System will automatically balance and maintain the correct pressure and airflow.

Easy Interface

No complicated interface methods; utility and liquid connections are made easily through the film wall and remain sterile.



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soloPURE is available with the capability to adopt a sterilized in-place system with VHP (Vaporized Hydrogen Peroxide) or can utilize a single-use, disposable gamma irradiated chamber. Rapid changeover of the chamber allows for quick campaign turnaround, maximizing the efficiency of operating personnel.

The soloPURE Advantage

- Quick Campaign Turnarounds
- Superior Efficiency for Operators
- Ensured Filter & Isolator Integrity
- Easy Access & Interface Methods
- Small Footprint for Constricted Cleanrooms
- Easy Bolt-On Module for Lyophilization

System Requirements

- Maintain a Grade-A Particle Count
- Maintain Unidirectional Airflow Between 0.36m/s and 0.54m/s
- Capable of a 6 log kill with VHP & Gamma Irradiation Sterilization
- Requires a Grade C or D Cleanroom to Operate Within (depending on process)

Additional Available Features

- RTP 105 to 270 Integration
- Glove Integrity Tester Available
- VHP Generator Supplied
- 21 CFR Part 11 Upgrade Available



Unidirectional airflow maintained between 0.36 and 0.54m/s



Single-use capability for rapid campaign changeover



Large, double-sided internal working surface

Contact ILC Dover for Ordering Information



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BEYOND BOUNDARIES™ solocontainment

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