



# DRYSOLATOR™

LOW HUMIDITY AND OXYGEN GLOVEBOX WITH  
PLC CONTROLLED INTERIOR ENVIRONMENT

- Low humidity and oxygen interior – 5% RH and 2% O<sub>2</sub>
- PLC controlled interior
- Admin level access options available



# TRUSTED LEADERS IN CONTAINMENT SOLUTIONS.



## PROCESS

Our Drysolator™ can contain processes using highly sensitive or reactive materials. The PLC Controls maintain a low humidity/oxygen interior workspace.



## CONTAINMENT

Containment level is heavily dependent on the potency and quantity of the toxic material processed. This unit can contain a wide variety of OEL levels.



## EQUIPMENT

The large front-mounted lift door allows varying sizes of equipment to be placed within the enclosure suiting many process needs.

## SAFETY & DESIGN

The Drysolator™ series provides isolation and protection against highly potent compounds. The glove box interior operates under negative pressure offering additional personnel protection in the event of a glove breach. The PLC-controlled interior reduces oxygen and humidity levels for the safe handling of reactive substances. PLC controls offer the ability to lock settings with admin-required passcodes to help avoid breaking SOPs. Third-party surrogate powder testing has proven exposure levels below 1 µg/m<sup>3</sup>, based on process and quantity\*.

### APPLICATIONS

This enclosure can contain several operations and can be used in labs with a wide range of OEB/Ls. It is best suited for HPAPI/API applications.

### HEPA FILTRATION

This unit has a 4" inlet HEPA filter that cleans lab air before entering the workspace. The primary and secondary 4" HEPA filters clean interior air before it is exhausted. Once possible contaminants are captured by the dual-HEPA filtration, the air can be recirculated into the lab or vented out through building exhaust.

### PLC-CONTROLLED

The Drysolator is designed to control, monitor, and display current operations and interior conditions through automated programs and user controls. Door interlocks can be integrated, requiring admin access to engage/open interlocks increasing containment safety. Password-protected access can be enabled for operator/supervisor-specific operations.

### ISO 5 INTERIOR

The HEPA filter inlet creates a clean interior working environment that meets or exceeds ISO 5 for clean processing work while in ambient or low RH/O<sub>2</sub> environments.

### STRUCTURAL MATERIALS

The standard polypropylene structure is customizable and available in a stainless steel option. The chemically resistant phenolic base has channeled edges to maintain spills within the containment area. The viewing panels are available in glass or acrylic options.

### STANDARD SIZES

The Drysolator™ is available in 5', 6', and 7' standard width options. All units are 30" deep with a 25" internal height. Custom sizes available.

### SANITARY FITTINGS

Sanitary fittings are available to allow the coupling of powder transfer systems (RTPs, continuous liners, etc.)



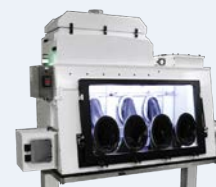
## HAVE A QUESTION OR NEED A QUOTE?

Please feel free to contact us online at [www.flowsciences.com](http://www.flowsciences.com) or call **1-800-849-3429**. We are here to help you find the containment solution that best suits your needs and applications!

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\*Containment capabilities dependent on standard operating procedures (SOPs).