



ANALYTICAL PROCESS ISOLATOR™

CONTINUOUS PROCESS ISOLATOR FOR VIRUS
SCREENING & HPAPI HANDLING

- Glovebox isolator for personnel & product protection
- 8-10 week lead time, customization available
- Surrogate powder testing results below 10ng/m³



1-800-849-3429 • WWW.FLOWSCIENCES.COM • LELAND, NC, USA



TRUSTED LEADER IN CONTAINMENT SOLUTIONS.



PROCESS

The glovebox side can contain ISO 5 processes, while the VBE section allows a secondary cleaning station before removing equipment or material containers.



CONTAINMENT

*Third-party surrogate powder test shows exposure levels below 10ng/m³, even with large spills, dependent on quantity/potency.



EQUIPMENT

The glovebox provides proper containment for most lab equipment, including balances, ovens, and sieves.

SAFETY & DESIGN

Our Analytical Process Isolator (API series) provides a dual containment enclosure that essentially merges our Glovebox Workstation with our VBE. We did this to offer a uni-directional flow for highly toxic processes. Material enters through the pass-thru door and moves into the glovebox where the operation takes place. The VBE section allows for a secondary wipe-down of material containers or equipment before removing it from the enclosure.

APPLICATIONS

This unit works great in several applications. However, it is designed to handle HPAPI/API processes and offers containment to the nanogram level. Containment capabilities are dependent on potency and quantity of materials.

ISO 5 INTERIOR GLOVEBOX

The side-mounted HEPA filter inlet creates a clean interior work environment that meets or exceeds ISO 5 standards for clean processing work.

HEPA FILTRATION

This enclosure is equipped with a 4" inlet HEPA filter and two sets of primary and secondary 4" HEPA filters that can be recirculated into the lab or vented out through building exhaust.

STRUCTURAL MATERIALS

This unit comes standard with a polypropylene superstructure and a phenolic, resin-coated base. Viewing ports are available in acrylic (ECP Series) or glass (ECG Series).

CLEANING STATION - VBE

A secondary open-faced environment allows decontamination and cleaning of material containers and/or equipment before removing it completely from the enclosure system.

LED LIGHT

This enclosure features an optional internal white LED that provides direct light onto the application. The light is also available in Amber color.

STANDARD SIZES

Available in 5', 6', and 7' foot standard width options. All units are 36" deep and 24" in internal height. Custom sizes available.

FAT TESTING

All of our standard product lines have received Factory Acceptance Testing (FAT) for conformance to relevant standards (i.e. ASHRAE 110-2016, Tracer Gas Testing.) Bespoke or custom designs are tested individually to ensure performance and quality of construction prior to shipping.



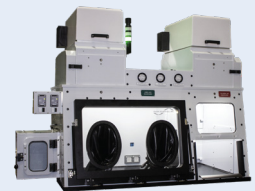
HAVE A QUESTION OR NEED A QUOTE?

Please feel free to contact us online at 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!

TASK MATCH

BY FLOW SCIENCES, INC.

SEARCH OUR TASKMATCH DATABASE



Visit flowsciences.com/taskmatch and search for **ECP723624** for more information on this example.

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