



Atmospheric Control Module

Safe, Automatic, & Pressurized Containment for HPAPIs

ILC Dover's Atmospheric Control Module provides risk mitigation and automatic processing control for higher-potency active pharmaceutical ingredients (HPAPIs) within laboratories and GMP manufacturing operations.

FEATURES

Portable and compact

Can be connected to existing and new flexible isolators. Frames can be retrofitted to accommodate the push-push HEPA filter. The enclosure is modified for the gas supply, exhaust, and differential pressure sensor connections.

Fully automated control

Allows for easy and confident contained handling of expensive and dangerous powders. Detects any pressure change, immediately adjusting the internal isolator pressure back to the set point to ensure continual risk mitigation.

Vacuum control and breach response

Units can attain and maintain a set point of -15 Pa using controlled pressure gas feed and extract fan speed, so enclosures remain ergonomic and easy to work with.

Works with air or nitrogen

Can be used with N₂ for materials that are oxygen sensitive or explosive. It can use fresh or recirculated N₂ and can reduce humidity with an appropriate gas supply.

Range of motion for operators

Flexible isolators provide the optimum ergonomic operation by use of a flexible film and stainless-steel frame that is supported by stretch cords which allow a generous range of motion. It does not restrict operator movement unlike hard-wall isolators or a laminar flow hood with a sash.

Use With Flexible Isolator Technology

Designed for use with ILC Dover's ArmorFlex® Flexible Isolator, the module's precise fan speed accurately maintains a negative air pressure within the isolator.



Flexible Protective Solutions

We improve efficiency while safeguarding people, product, and infrastructure in hazardous conditions.

LET'S GO
BEYOND BOUNDARIES
TOGETHER.

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