



High Containment Dispensing Isolators

Bringing an advanced level of containment to your work environment



Dispensing of highly potent compounds is a critical stage of the pharmaceutical manufacturing process. Howorth UltraSAFE Isolators are designed utilising our specialist experience, including stringent safety measures, to ensure protection of personnel and the environment.

- Designed to safely handle potent compounds to OEB6
- Negative pressure cascades
- Multi-chamber design to suit the operational process
- Full ergonomic assessment
- Integration of key materials handling and process equipment
- Designed to the specified hazardous area classification
- Safety features designed into the system including interlocks, purge systems, and safe change systems
- CIP/WIP capabilities
- PLC control system including interface with site networks
- Compliance with all appropriate design standards and guidelines



Integrated high-accuracy weighing systems:

- Compliant with the area classification and WIP requirements
- Internal operator display
- Internal push buttons to ensure accuracy is achieved during each dispensing process



Integrated product transfer systems:

- Split butterfly valves
 - Product transfer devices
 - Output containers for downstream processes
- Manual and fully automated systems
Stand-alone or fully integrated within a dedicated extracted chamber



Integrated material handling systems:

- Drum docking hoists
 - Donor drum systems providing flexibility to handle a variety of drum sizes and types
- Stand-alone or fully integrated within a dedicated extracted chamber
Safe operation through the use of interlocks and light curtains



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