



High Containment Vacuum Tray Dryer

Bringing an advanced level of containment to your work environment



Vacuum Drying of Highly Potent slurries is a key stage of pharmaceutical manufacturing processes to provide uniform drying at lower temperatures in accordance with the drug formulation 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
- Half Suit solutions available.



Integrated solutions:

- Various tray dryer configurations including single or double chamber designs and multiple units
- Materials of construction including Hastelloy and Stainless Steel
- Product contact parts only integrated within the isolator chamber.
- Heat Transfer Units and Pipework
- Safety Interlocks
- WIP and Purge Systems



Gary Storr
Business Development Manager
North America
gary.storr@howorthgroup.com
Mobile: +1 (636) 428-1800

USA Office
Howorth Air Technology Inc.
4601 Corporate Drive NW, #140
Concord NC 28027

