



High Containment Chemical Synthesis

Bringing an advanced level of containment to your work environment



Chemical Synthesis is a key stage of pharmaceutical manufacturing processes when creating complex chemical reactions 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 Reaction, Mixing and Process systems including agitated and non-agitated designs
- Materials of construction including Hastelloy, Stainless Steel and Borosilicate Glass
- Product contact parts only integrated within the isolator chamber. Agitated drives positioned external to the isolator chamber

Pressurisation systems independent of the isolator
Safety Interlocks
WIP and Purge Systems

Head Office

Howorth Air Technology Limited
F2C Multiply, Lomax Way,
Logistics North, Bolton,
BL5 1FQ,

Contact Us

info@howorthgroup.com
+44 (0) 1204 571 131

USA Office

Howorth Air Technology Inc.
4601 Corporate Drive NW, #140
Concord NC 28027
usa@howorthgroup.com