



Containment

Isolated systems

- World beating technology
- Safe
- Flexible
- Cost effective
- Maintains production levels
- Full consultancy

Isolated systems

Dec develops, designs and supplies Jetpharma Solutions products - world leaders in sterile and high containment micronization - as turnkey or highly flexible bespoke solutions.

Process integrated containment technology provides solutions for both potent and aseptic compounds, from simple glove bags and flexible isolators through to extremely complex fully integrated process isolators with dedicated air handling systems.

The entire MC Jetmill range can be supplied with varying levels of containment to suit customers' needs, with the added advantage of scalability to accurately reproduce a process from lab to production. All containment systems have been performance tested to SMEPAC guidelines and operate to nanogram levels whilst maintaining productivity through ergonomic systems.

Features include:

- Gravimetric or volumetric input
- Integrated CIP and SIP
- Automatically controlled cryogenic operation
- Pharmaceutical Analytical Technology integration
- Product classification using intermediate cyclone technology
- Top and bottom discharge configurations
- Contact parts for all products, including polymers and ceramics
- Meets US and European standards, including ATEX
- Operational with nitrogen systems
- Micronizing nitrogen recirculation systems
- Operational with pressure shock resistant systems
- Full validation packages available

To extend run cycles, and allow temperature and RH manipulation of the process gas, batch monitoring equipment is available using the JPS Noise Technology Detection System and gas manipulation technology.

