



solocontainment

Powder Processing Isolators

Safe Containment for all powder processing operations:



Drum entry via lift platform



Ezi-Dock CSV interface



Lyo-Guard Tray Transfer Isolator



Cable & wash lance interface

SOLO specialise in high performance powder processing isolators for a wide range of applications. These multi chamber isolators operate with a full negative pressure cascade and multi stage HEPA filtration. Solo's flexible film powder processing isolators deliver the performance of a hard shell stainless steel isolator at greatly reduced costs and delivery cycles. SMEPAC test data is available on many applications:

Contact the Solo Containment team +44 (0)1625 344014 for more details or email: sales@solocontainment.com

Solo's Powder Processing isolators are suitable for the following applications:

- Powder Dispensing
- QA Sampling – Drums / IBC's
- Tray Dryer /Lyophiliser Tray transfer
- Vessel Charging
- Granulation , Milling & Micronising
- Tablet Press Containment



Floor Tray isolator for wheel in granulation equipment

Powder Processing Isolator Construction Specification:

Solo's Powder Processing isolators are mounted on a polished fully welded stainless steel support frame with features such as height adjustable legs (hydraulic or manual) to position the isolator at the most ergonomic height for operation.

Solo's flexible film enclosures are designed for fast tool free change over using press studs. This is faster than bungee cord and provides the correct enclosure tension for Negative Air Pressure operation. Solo flexible enclosures can be arranged with front only or front and rear glove port access.

Two work chamber options are available:

For Heavy Duty applications a sanitary stainless steel work tray is provided with soloGRIP film attachment. This provides a fast change over reliable seal to the work tray.

For Single Use applications the flexible film enclosure is used to cover a work table to ensure no stainless steel parts are in contact with API materials .

Gas tight zippers are used at all airlock and machine access locations. These are arranged for easy operation with the Solo zip pull and anchor tab.

Where required drum lifters can be provided to create a complete Drum Transfer package.

A wide variety of air filtration packages are available – all using H14 rated HEPA cells that are bonded to the flexible enclosure - allowing contaminated flexible enclosures to be collapsed for incineration with no API particle escape. Solo's negative pressure airflow cascade creates a 0.5M/Sec in-draught velocity at an open glove port to again prevent particulate escape in the event of glove failure in service

Benefits of Solo Powder Processing Isolators

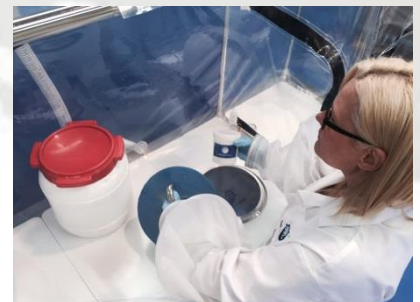
- Outstanding levels of operator protection
- Product protected by HEPA quality airflow inside isolated chambers
- Suitable for inert gas operation
- ATEX compatible
- Fast Enclosure Change Over
- Secure attachment to work table & support frame
- Disposable Continuous Liner systems for Single Use Operation



Killian Tablet Press Upgrade



Flexible enclosure attached around Dryer



Single Use- Film base isolator