



Containment · Emptying
DCS Inverter

- Contained emptying of drums
- Ideal for lumpy products
- Operator, product and environment protection
- Safe handling of toxic or explosive powders
- High containment <math>< 1\mu\text{g}/\text{m}^3</math>
- Primary and secondary containment
- Mobile
- Fast and complete discharge
- Ergonomic

Drum Containment System Inverter



The DCS Inverter is ideal for emptying lumpy and agglomerated products requiring a contained environment, eliminating the need for downflow booths.

Working with drums of various sizes, the **DCS Inverter** ensures that such products can be discharged easily using the lump breaker integrated in the suction hopper.

With this application the handling of the drums is simplified for the user, thus improving ergonomics and safety.

The drum is positioned under the **DCS Inverter** and connected with its liners to the DCS glove box, then inverted by motor. The powder is extracted and introduced into the reactor through a Powder Transfer System, maintaining high levels of containment at all times.

Features

- Empties drums with double liners of various sizes
- Works with lumpy and agglomerated products
- No requirement of extra drum lifting or tipping
- No need to contain the drum during operation
- High containment level ($<1\mu\text{g}/\text{m}^3$)
- Primary and secondary containment
- Low height requirement
- Operational under inert conditions
- GMP compliant, ISO 6 class internal
- Mobile system
- Easy to clean

Options

- Load cells for accurate dosing
- Inert operation
- Various suction hoppers

Design

- AISI type 316L stainless steel, electro-polished
- Other materials available (HC22, internal coating, etc.)
- EPA E12 or HEPA H14 filters

