



Containment · Emptying

DCS Drum Containment System

- Contained drum emptying
- Operator, product and environment protection
- Safe handling of toxic or explosive powders
- Adaptable to any type of drum
- Primary and secondary containment
- Mobile
- Compact
- Ergonomic

DCS Drum Containment System

The DCS – Drum Containment System* is a stainless steel cylindrical glove box with glass cover and with two glove ports. Highly economical in comparison with conventional isolation systems, the DCS ensures precise, contamination free evacuation of drums.

Fully mobile, this space saving device has the flexibility to work with a multitude of different drum heights and diameters, in an inert atmosphere if required. Its Load Cell feature provides accurate charging, whilst the free moving suction lance connected to the PTS Powder Transfer System* and excellent visibility ensure residue free emptying.

With safety always a priority, the DCS guarantees both primary and secondary containment, with a glove box enabling the operator to open the double liners within the sealed environment.

Design

- AISI type 316L stainless steel , electro-polished
- Other materials available (HC22, internal coating, etc.)
- EPA E12 or HEPA H14 filters
- ATEX zone 2/21

Features

- Contamination free emptying of drums of various sizes equipped with double liners
- Works in combination with the PTS Powder Transfer System
- High containment (<math>< 1 \mu\text{g}/\text{m}^3</math>)
- Primary and secondary containment
- No requirement of drum lifting or tipping
- No need to contain the drum during operation
- Limited use of gloves during the procedure
- Optimal visibility inside the drum
- Space saving
- Partial emptying possible
- Simple to install
- Easy to clean
- GMP compliant, ISO 6 class internal

Options

- Load cells for accurate dosing
- Inert operation
- Platform for small drums
- Possibility for sampling
- ATEX zone 1/21

*patented

Dimensions

