

Containment • Drum Emptying DCS® Drum Containment System



- Drum emptying under high containment
- Operator, product and environment protection
- Safe handling of toxic or explosive powders
- Easy to clean
- Primary and secondary containment
- Mobile
- Compact, adaptable to any type of drum
- Ergonomic
- cGMP compliant



ATEX



CIP

Easy Cleaning



FDA



User Friendly



cGMP



OEB5

High Containment



Contamination Free

Containment • Drum Emptying

DCS® Drum Containment System



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, DCS® ensures precise, contamination free emptying of drums.

Fully mobile, this space saving device offers the flexibility to work with a multitude of different drum heights and diameters, under inert atmosphere, if required. Fitted with load cells DCS® provides accurate charging, whilst the freely moving suction lance connected to the PTS Powder Transfer System® and excellent visibility ensure residue free emptying. With safety always a priority, 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.)
- HEPA H14 filters
- ATEX zone 2/21

Features

- Contamination free emptying of drums of various sizes equipped with double liners
- Works in combination with PTS Powder Transfer System®
- High containment ($< 1 \mu\text{g}/\text{m}^3$)
- 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 process
- Optimal visibility inside the drum

- Space saving
- Partial emptying possible
- Simple to install
- Easy to clean
- cGMP compliant, ISO 6 class internal

Options

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

