



Containment · Filling

DCS Drum Containment System

- Contained drum and big bag filling
- Operator, product and environment protection
- Safe handling of toxic or explosive powders
- Adaptable to empty any type of process equipment
- Primary and secondary containment
- Compact and low height system
- 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 filling of drums or big bags. This space saving device can be easily connected to process equipment to be discharged and is adaptable to a multitude of containers.

The system can be installed directly under the equipment to be discharged, or where several items of equipment are to be emptied through one single station, or even in a remote area with limited headroom if required.

With safety always a priority, the DCS's glove box enables the operator to open double liners in a sealed environment, guaranteeing both primary and secondary containment.

Design

- AISI type 316L stainless steel , electro-polished
- Other materials available (HC22, internal coating etc.)
- HEPA 10 or 13 filters

*patented

Features

- Contamination free filling of drums of various sizes with double liners
- Filling of standard or custom made big bags
- Filling by gravity
- Filling in combination with a PTS Powder Transfer System if headroom limited
- High containment (<1µg/m³)
- Single filling station for multiple discharge points
- Primary and secondary containment
- Containment not required during operation
- High system visibility
- Space saving
- Simple to install
- Easy to clean
- GMP compliant, ISO 6 class internal

Options

- Load cells for accurate dosing
- Inert operation
- Combined station for big bag and drum filling
- Viable for sampling
- Adaptable to nanogram level containment < 0.1 µg/m³

