

Containment • Drum 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, low height system
- Ergonomic



Easy Cleaning



No Rotating Parts



Contamination Free



User Friendly



Operator Safety

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DCS® Drum Containment System



The patented DCS® Drum Containment System allows contamination free filling of drums of various sizes comprising single or double liners under high containment ($< 1\mu\text{g}/\text{m}^3$). DCS® can be installed on load cells for better accuracy.

This space saving device can be easily connected below the process equipment to be discharged, it can also be installed in a remote place in case of lacking head room below the equipment or when a number of process equipment are to be emptied through one single filling station.

The modular system can be designed to fill both drums with liners and big bags. It can also be combined with the MPTS Sampling Device for taking samples during the filling process.

With safety always a priority, the DCS® guarantees both primary and secondary containment, with a glove box enabling the operator to connect the drum liners within a sealed environment. The fully cleanable DCS® system features

a Push-Push HEPA filter which is connected to an extraction system. The system is available in various materials (SS, HC22, Halar coated, etc.) and on load cells. Inertisation possible. Appropriate for use in ATEX zone 1/21.

Design

- AISI type 316L stainless steel, electro-polished
- Other materials available (SS, HC22, Halar coated, etc.)
- Push-Push HEPA filter
- ATEX zone 1/21

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® when headroom is limited
- High containment ($< 1\mu\text{g}/\text{m}^3$)
- 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 $< 0.1\mu\text{g}/\text{m}^3$
- ATEX zone 1/21

