



Filling · Containment · Emptying

DCS Liquid

- Safe handling of toxic and corrosive liquids
- Total odor control
- Contained drum filling and emptying
- Operator, product and environment protection
- Inert conditions
- Compact and low height system
- Mobile
- Various drum sizes
- Dosing possibilities
- Ergonomic

DCS Liquid



The DCS Liquid was specifically developed for toxic and corrosive liquids, achieving containment levels of $<1 \mu\text{g}/\text{m}^3$.

The safe, contained emptying and filling of drums using the suction lance housed in a special venting tube with a sealing plug is thus made possible without additional precautions, such as full protective clothing or large Laminar Airflow booths. The DCS Liquid can also be equipped with Load Cells for precision dosing. Drums can be partially emptied, eliminating the need for inefficient and time consuming pre-dispensing.

The DCS Liquid is particularly recommended for the handling of liquids with strong odors, which are contained and removed by an extraction system. The DCS Liquid is easily cleaned in situ.

Design

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

Features

- Ideal for toxic and corrosive liquids
- Contained charging and evacuation of drums
- High containment ($<1 \mu\text{g}/\text{m}^3$)
- Load cells for accurate dosing
- Partial discharge option
- Optimal protection of operator and product
- Space saving
- Simple to install
- Product transfer can be done under inert conditions when required
- Easy to clean
- GMP compliant

Options

- Load cells for accurate dosing
- Trolley for easy drum handling
- Inert operation
- Multiple lance system for different drum sizes
- ATEX zone 1/21



1 Access to the drum inside the DCS by removing the protection cover



2 Opening of the drum by removing the screw cap with a specially designed tool



3 Placing a small funnel to prevent liquid spillage



4 Removal of the suction lance protection cover before introducing the suction lance into the drum