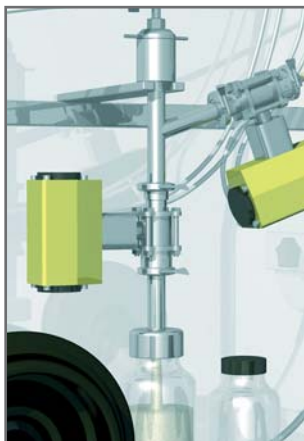


Sampling

MPTS Sampling Device

- Safe sampling of toxic or explosive powders
- Representative samples
- Variable sample quantities
- No mechanical parts
- Easy to clean
- Contained
- Automatic

MPTS Sampling Device



The MPTS* facilitates complex sampling procedures directly from equipment, such as dryers, mixers, packaging units, etc.

The sampling procedure is simplified, whether from equipment with poor access, or where, for safety reasons, personnel are not admitted. The sample is taken in a few seconds, thus giving an instant image of the condition of the powder during the process (degree of mixture, humidity, homogeneity). It is extracted and transferred to its final destination whilst maintaining full containment, remaining homogeneous and representative as it is taken in dense flow, without using any mechanical device which could result in powder attrition. The system is particularly well suited for operation with toxic, radioactive or explosive powder as it is completely air tight and has the option to operate with protective gas. It can be partly or fully integrated into a glove box or any other cabinet.

The system takes a predetermined quantity of powder, even at gram level, in a fully automated manner. From single shot to continuous sampling, the system is easily integrated into any process.

Design

- AISI type 316L stainless steel, electro-polished
- 50 or 100 ml sampling volume
- 250 or 1000 ml bottles

**patented*

Features

- Homogeneous representative samples
- Fast sampling to reflect true degree of mixture, humidity, homogeneity
- Online sampling
- Fills sampling bottles or directly into process
- No rotation or mechanical parts
- No fixed parts inside the process equipment
- No particle attrition or segregation
- Full emptying of the sampling line after each cycle
- Conveyance with inert gas to avoid oxidation
- GMP and ATEX compliant design
- Sampling out of equipment with low accessibility
- Easy to clean - CIP system

Options

- Various sampling volumes
- Different materials available
- CIP
- Hygienic, sterile unit
- Portable unit
- Design according to containment level

