

EnPro

SS SERIES SOLIDS SAMPLER

EnPro SS Series Solids Samplers are used for the collection of non liquid and liquid representative samples from closed vessels or pipes.

Applications where the SS is appropriate include sludge, effluent, slurries, powders, viscous liquids and granules sampling.

These samplers can be used in Batch or Composite Sampling.

A representative sample can be taken without the need for interfering with the production process and will not contaminate fresh batches with the remains of old samples. The sampler presents a smooth face to inside of the vessel and collects a defined sample size when a signal is sent to the control unit.

All the collected sample is deposited through the discharge connection.

The materials of construction can be modified to prevent corrosion or contamination to or by the product. Materials can be either stainless steel or hardened steel with a variety of piston seals to suit the application.

The control signal can be generated manually or automatically from a timer or quantity measuring device. A range of sample sizes, tank mounting and sample discharge connections is available.

Where dense slurries are collected, provision for flushing the collection chamber can be made.

Parts are readily available for changing sample size or for maintenance replacement.

Features

Fixed sample size - Consistent analysis results

Choice of materials - Product compatibility

Design flexibility - The sampler can be constructed to suit individual installations

Ease of maintenance - Less downtime and repair costs

Secure collection - The process product is isolated from possible outside contamination.

Choice of sample types - Composite or batch

sampling is available depending on control mode

Ease of operation - The sampler needs only air for

control, there is only one moving assembly

Ordering information

- ✓ Sample size
- ✓ Sampled product
- ✓ Product pressure
- ✓ Product characteristics – freezing, stratification, solidifying, build-up
- ✓ Temperature
- ✓ Connection type - vessel
- ✓ Connection type - discharge
- ✓ Sample period - time between sample grabs
- ✓ Controls required
- ✓ Material compatibility limits



Model SS

Discharge: Single screwed (std)

Pistons: Dual seal. Three piece adjustable capacity Vessel

Connections: Flanged or screwed

Materials of Construction: Steel or stainless steel

Static Seals: Viton

Dynamic Seals: TFE encapsulated

Actuator: Double action air operated

Controllers: Proportional to flow, timed or manual

Model SSF

The same configuration as SS models. With flushing connection



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