



Tri-clamp connections



Flange or threaded connections

ATEX



Control the quality and collect accurate samples directly from the process with safety !

⌚ Used by the biggest industrial groups in sectors as diverse as the chemical, pharmaceutical and foodstuff industries, **PowControl**® in line sampler allows representative, continuous, grab or composite sampling of free falling powders in a chute, or bulk powders in a filled vessel.

The frequency and duration of sampling can be programmed according to individual needs.

The material used and the innovative solution provided for easy cleaning respond to the hygiene and safety principles required by the European Directive N°93/68/CEE.

This sampler is precision engineered and designed to comply with the inspection requirements of the pharmaceutical, food and chemical industries, in accordance with BPF, FDA, HACCP, ISO recommendations and procedures for good sampling practices.

- ⌚ *Representative sampling out of a chute or out of a filled vessel*
- ⌚ *Few wearable parts, and no ball-bearing*
- ⌚ *All parts in contact with the product are 316L SS*
- ⌚ *Easy cleaning of the sampling components,*
- ⌚ *Sample collection in either sachets or bottles.*
- ⌚ *Atex execution available: ATEX classification II 2D - zones 21 & 22 (dust)*

➤ The **PowControl**® in line sampler is designed for permanent installation in either a pipe, chute or vessel and enables a wide range of powders to be sampled on a continual, composite or grab basis, with adjustable sample volumes and maximum safety for both the operator and the environment. It allows totally representative samples to be taken during the process production, or before final filling or packaging, providing an ideal solution to the requirements of Quality Assurance.

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➤ **Representative and safe sampling :**

Before each sampling cycle, screw reverses automatically in order to purge the screw and prevent any contamination. A purge valve blows out any particles left in the tube before sampling. A pinch valve automatically closes the sampling outlet when sampler stops working or during purging, thus avoiding any risk of pollution and contamination. The quantity of material to be sampled may be adjusted by using the speed regulator on the motor.

➤ **Easy cleaning :**

At the heart of the sampling system is a flatblade Archimedes screw, which can be rapidly withdrawn for cleaning purposes. A quick motor connection enables the motorbloc to be released for easy extraction of the screw and perfect cleaning of the sampling components.

➤ **Easy installation and operation :**

Due to compact mounted parts and light accessories this fully assembled sampler is easy to install and to operate.

➤ **Sampling programmer optional :**

The separate control cabinet may be supplied with a programmer controlling sampling+ cycle + purge duration and frequency.

➤ **Reliability and robustness :**

Sampling tube, connecting flange and screw are supplied in passivated finished 100% SS316 and all welds are made under argon atmosphere conditions. Dead space is minimised to avoid contamination. All **PowControl**® in line samplers are fully tested before leaving our factory.

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system!***

