GMPSAMPLING

A brand of FOSBA GmbH

Piston sampler
AP/MP38

For powders

Improved design!



Product information



Application

The samplers of the AP/MP series are proven piston samplers for powder with a fixed sample volume. They are suitable for installation in pressureless systems such as e.g. downpipes, storage tanks, etc..

They can be operated manually (Mod. MP) or pneumatically and are characterised by uncomplicated installation and reliable operation. The sample quantity is defined by the chamber volume. The total sample quantity can be determined by the number of strokes. With appropriate control, time-, volume- or event-proportional sampling can be realized.

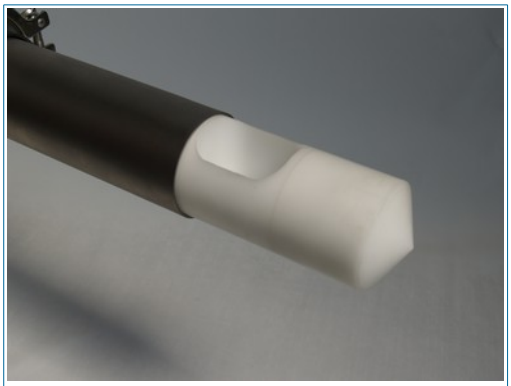


Manual operated sampler

The materials used (stainless steel and POM plastic) are suitable for use in the food and pharmaceutical industries.

Operation

The chamber incorporated in the piston transports a defined sample quantity through the sampling tube. If the piston is in the retracted position above the ejection, the sample falls out and into a suitable sample bottle. It is operated manually on the MP model and by a Festo compressed air cylinder on the AP model.



Sample chamber

Mounting and installation

For mounting the sampler, a DN42.4 TC nozzle is welded into the delivery line. The sampler is attached to it with a triclamp



Pneumatic Timer

Features

- Suitable for powders in pressureless systems and containers
- Easy to install: One flange is enough.
- Easy to disassemble and clean
- simple manual control or programmable control box available
- Various material and design options

Design variants

Model	Sample size	Description
MP38	15ml	Manual actuation, piston made from POM, food grade seals, applicable up to 80°C, stainless steel AISI 316, weld ferrule DN42,4 in the scope of supply
MP50	50ml	
AP38	15ml	Pneumatic actuation by Festo Cylinder, requires compressed air 4-6 bar., Bulk head fittings 8mm, piston made from POM, food grade seals, applicable up to 80°C, stainless steel AISI 316, weld ferrule DN42,4 in the scope of supply recommended valve: 5/2 Wege.
AP50	50ml	

Options

- Collection systems
- Control boxes, programable
- Shut-off valve for pressure or vacuum applications
- Upgrade for use in ATEX areas

For more information, prices, application advice please contact:

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