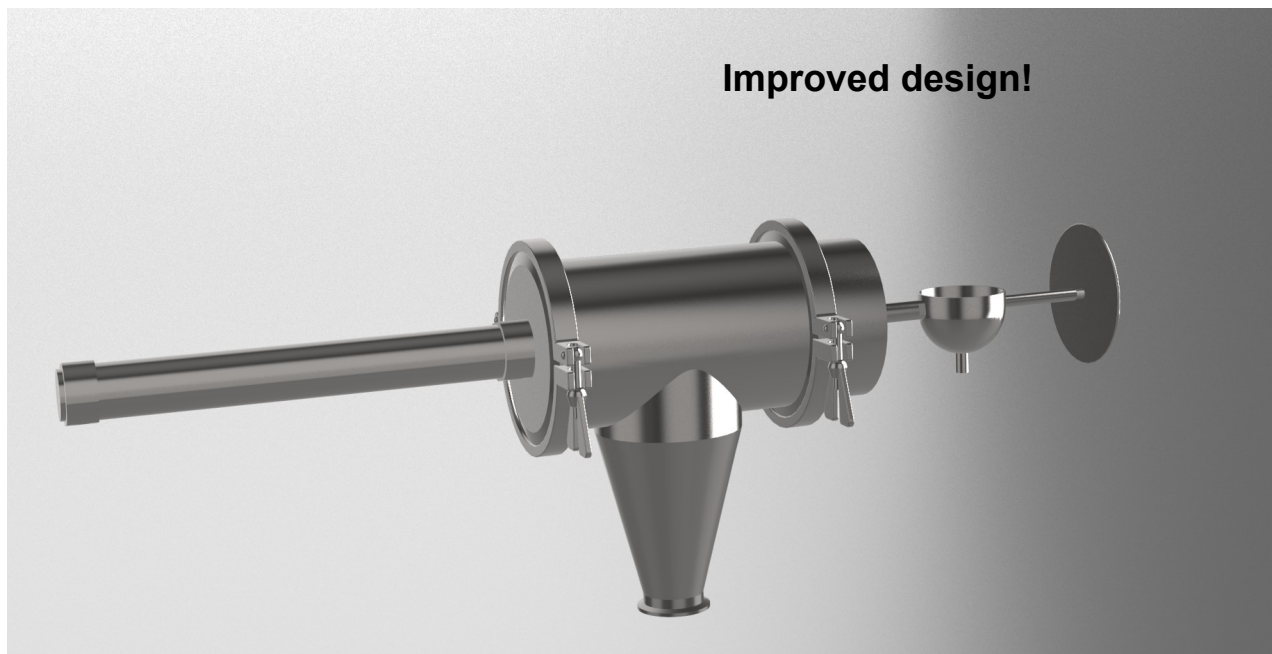


SmartGlide Cup sampler

For powders and granules in downpipes



Produktinformation



Application

The SmartGlide is specially developed for sampling dusts, powders and granulates in downpipes. The sampler is used for free-flowing solids with particle sizes between 1 nm and 10 mm.

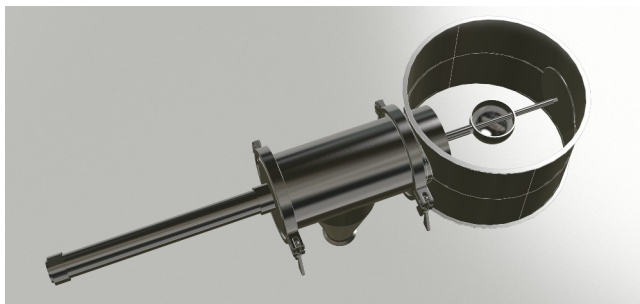
The product is characterized by its uncomplicated installation and reliable functionality. The samples are representative and reproducible. In the pneumatic version and with appropriate control, time-, volume- or event-proportional sampling can be realized.

Only suitable for free-flowing, free-flowing bulk materials with grain sizes between 1 nm and 10 mm. For cohesive, cohesive materials we recommend the SmartScraper



Operation

A cup attached to a piston rod is led into the falling stream for sampling and filled with the sample. During or after withdrawal into the sampler housing, the cup is tilted and the sample falls out of the ejection nozzle.



Mounting and installation

For the of the SmartGlide, a mounting location is selected at which the product is in free fall. Stowing product or a product column is not permitted.

The supplied TC flange DN80 or DN125 is welded into the wall of the pipe or chute according. The sampler is attached to it with a triclamp. Optionally, a sample collection system (bottle adaptor or bag holder) is connected to the outlet.



Features

- The properties of the sampled product are not altered due to the gentle withdrawal.
- Easy operation and control
- High-quality materials (stainless steel AISI 316, EPDM or silicone seals, HPU) are all FDA acceptable
- Quick and easy disassembly for cleaning and maintenance
- Due to the dead space-free design and the special mode of operation, a fresh sample is obtained with each stroke
- Cross-section of the down pipe remains fully intact.



Design variants

The SmartGlide is available in two standard sizes (80 and 125mm housing), as well as manually and pneumatically driven:

Model	Actuation	Cup size	For pipe Ø
SmartGlide 200	pneumatic	150ml	200mm
SmartGlide 250	pneumatic	150ml	250mm
SmartGlide 300	pneumatic	150ml	300mm
SmartGlide -Manual 200 *	manual	150ml	200mm
SmartGlide -Manual 250 *	manual	150ml	250mm
SmartGlide -Manual 300 *	manual	150ml	300mm
SmartGlide-Midi 100	pneumatic	50ml	100mm
SmartGlide-Midi 150	pneumatic	50ml	150mm
SmartGlide-Midi 200	pneumatic	50ml	200mm
SmartGlide-Midi Manual 100	manual	50ml	100mm
SmartGlide-Midi Manual 150	manual	50ml	150mm
SmartGlide-Midi Manual 200	manual	50ml	200mm

* discontinued

Options

- Sample collection systems
- Control boxes, programmable
- CIP nozzles
- Shut-off valve for pressure or vacuum applications
- Upgrade for use in ATEX areas