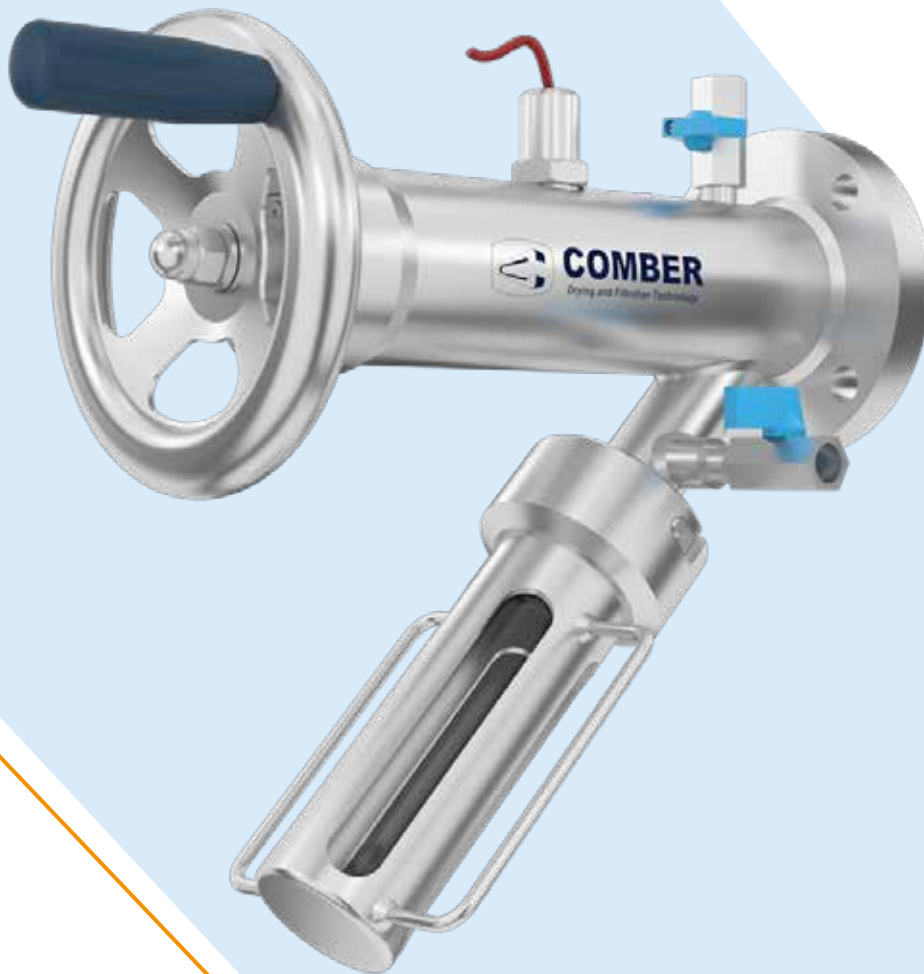


COMBER

Drying and Filtration Technology



SAMPLING VALVE

Plug Type Sample Valve

Highlights

- › COMBER design **SAMPLING VALVE** used for sampling applications of powders and granules under process conditions in the pharmaceutical, chemical and food industries.
- › The valve permits taking samples under pressure as well as under vacuum.
- › The plug is flush to the vessel interior and thus there are no dead areas.
- › A vent allows pressure relief before removing the sample bottle. By using Bayonet / Tri-Clamp connections the sample bottle can be removed and reassembled easily for cleaning, sampling and inspection purposes.
- › A vent valve allows to equalize the pressure (or vacuum) inside the chamber.



PHARMA



CHEMICAL



FOOD



COSMETICS



ENERGY



working for future *technology*



Advantages

- › Inline process sampling
- › Various options for flange connections
- › Various options for glass bottles
- › PTFE plugs are provided for closing the glass bottle
- › Proximity switches are provided for safety reasons to correct opening/closing of the valve
- › CIP connection for deep-cleaning of the valve
- › FDA approved special material Rod-Seal & FFKM-Fep. Silicon O-rings for leak proof design



Technical data

Nominal size	DN 50 / DN 40 / DN 25
Max. temperature	+180°C / +356°F
Min. temperature	-10°C / +14°F
Design pressure	FV-10 barg / FV-145 psig
Int. roughness	Ra ≤ 0.38 µm (grit 240) ≤ 0.76 µm (grit 180)
Ext. roughness	Ra ≤ 0.76 µm (grit 180) ≤ 1.32 µm (grit 120)
Body material	Stainless steel 1.4304 (304L) / 1.4404 (316L), Hastelloy 2.4602 (HC22), etc.
Product wetted gaskets	FEP-silicone PTFE, FFKM, EPDM (all FDA approved)



COMBER Process Technology S.r.l. is a leading supplier of (Nutsche) filters, filter dryers, paddle dryers and pan dryers.

The company is part of the **HEINKEL Drying and Separation Group** with its brands COMBER, BOLZ-SUMMIX, HEINKEL and JONGIA. The Group brings together more than 150 years of experience, reliability and innovative strength in filtration, centrifuge, nutsche, mixer and dryer technology.



MIXING



DRYING



COMBER

Drying and Filtration Technology

COMBER Process Technology S.r.l.

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