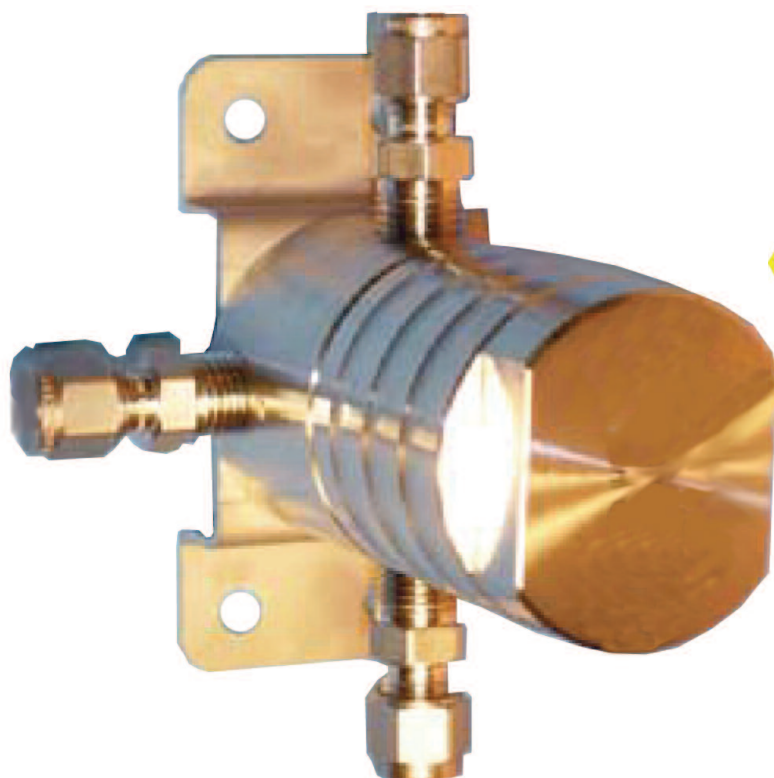




JSF-1 Acid Filter



JCT

Analysentechnik

Gas Sampling
Probes

Heated Sample
Lines

Sample Gas
Coolers

Condensate
Treatment

Accessories

Gas Conditioning
Systems

Sample Gas
Converters

APPLICATION

- For extractive gas analysis
- For emission and process monitoring
- For removal of aerosols (liquid particles) from sample gas even at high pressures
- For protection of the analyzers
- For integration in gas analysis systems directly upstream the analyzer

BENEFITS

- Reliable continuous aerosol filtration
- No change of sample gas
- Easy mounting and integration in gas analysis systems
- Long lifetime of the filter elements with upstream dust filtration
- Low and easy maintenance effort
- Corrosion resistant
- Gas tight

FEATURES

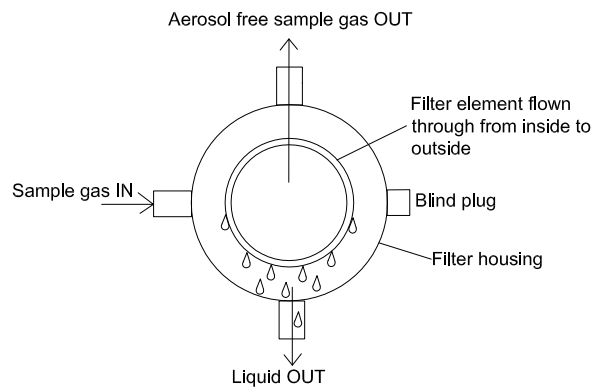
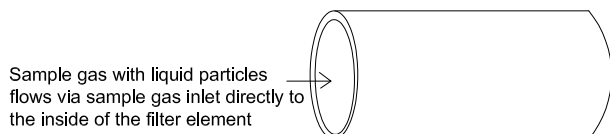
- For wall mounting
- Completely made of SS316Ti
- Filtration takes place from inside to outside
- Compact robust construction
- Small dead volume
- Low pressure drop
- Suitable for high pressures and temperatures
- Variable connection technology

TECHNICAL DATA

Model

JSF-1

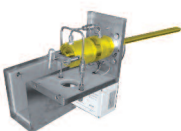
Description	acid filter for removal of liquid particles from the sample gas
Operation	
Flow rate	max. 3000 NI/hr
Operating temperature	-20° to 200 °C (with Viton® O-ring), -50 °C to 200 °C (with optional PTFE O-ring) max. 350 °C on request
Operating pressure	max. 350 bara
Pressure drop	3 mbar at 100 NI/hr, 5 mbar at 200 NI/hr
Construction	
Dimensions (Ø x T)	75 x 120 mm
Connections inlet / outlet	3 x tube connection 6 mm (others on request)
Gas wetted materials	SS316Ti, Viton®, glass fibre
Dead volume	100 ml
Filter surface	280 cm ²
Mounting	wall mounting (front panel mounting on request)
Approvals / Signs (on request)	NACE-MR0175-98, pressure equipment directive, ATEX 94/9/EC-EN 1127-1, 3.1B material certificate



ORDER CODES

Order code	Description
36.00052	JSF-1 acid filter completely made of SS316Ti, incl. <ul style="list-style-type: none"> wall mounting bracket 3 fittings 1/4" NPT male, 6 mm blind plug 1/4" NPT male excl. filter element
K3611310	Filter element for coalescence applications
K3611302	Filter element for dust filtration applications
K3611311	O-ring PTFE for JSF-1
K3611312	O-ring Viton® for JSF-1
K3611313	O-ring EPDM for JSF-1

Gas Sampling **Probes**



Heated Sample **Lines**



Sample Gas **Coolers**



Gas Conditioning **Systems**



NOx **Converter**



and solutions for

