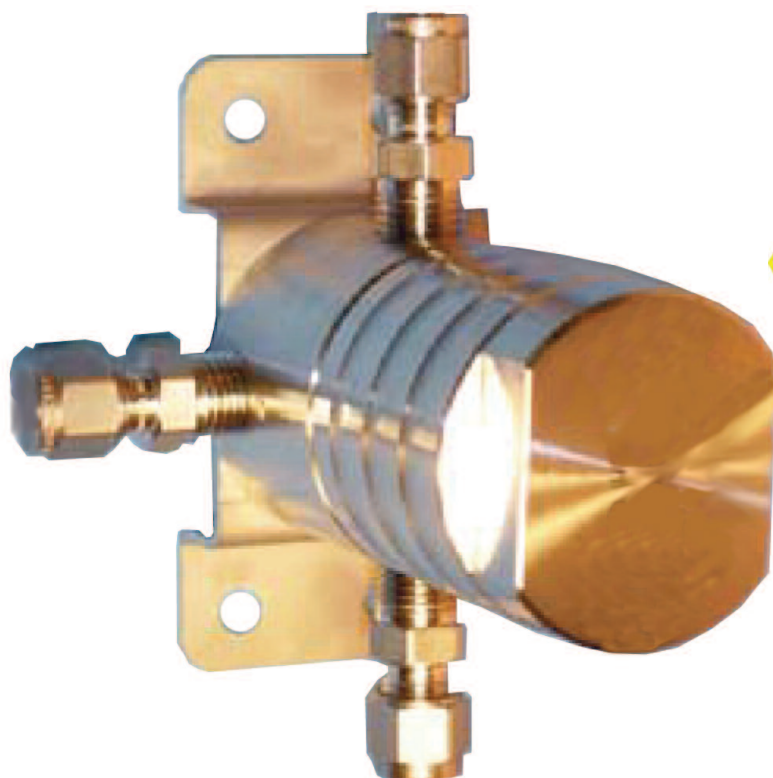




JSF-1 Acid Filter



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

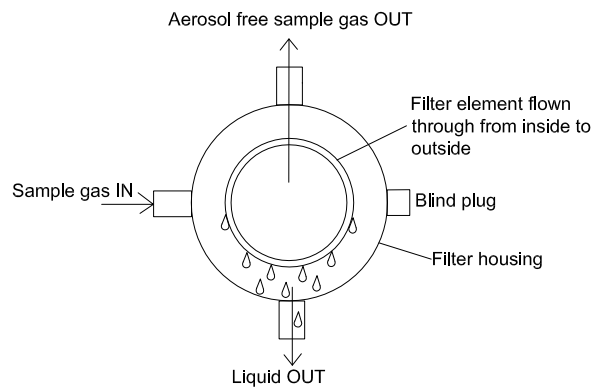
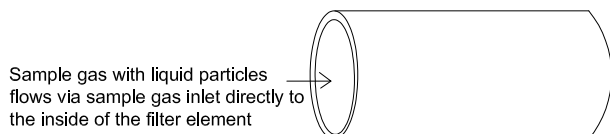
- For wall mounting
- Completely made of SS316Ti
- Filtration takes place from inside to outside
- Compact robust construction
- Small dead volume
- Low pressure drop
- Suitable for high pressures and temperatures
- Variable connection technology

TECHNICAL DATA

Model

JSF-1

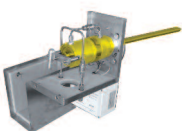
| | |
|--------------------------------|---|
| Description | acid filter for removal of liquid particles from the sample gas |
| Operation | |
| Flow rate | max. 3000 NI/hr |
| Operating temperature | -20° to 200°C (with Viton® O-ring), -50°C to 200°C (with optional PTFE O-ring) max. 350°C on request |
| 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 cm² |
| 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 |
| K3611311 | Filter element for dust filtration applications |

Gas Sampling **Probes**



Heated Sample **Lines**



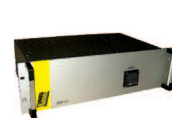
Sample Gas **Coolers**



Gas Conditioning **Systems**



NOx **Converter**



and **solutions** for

