Dosing Lines

A consistent and pulseless flow is key for flow chemistry. Corning can provide a suitable dosing system including flow control and a safety valve for Low-Flow to G4 reactors.

Features
• Include electrical supply and human interface device (either locally or integrated in customer Decentralized Control System)
• Engineered dosing lines
• Highly flexible
• High chemical durability

Technical Specifications

<table>
<thead>
<tr>
<th>FLOW RATE</th>
<th>TEMPERATURE</th>
<th>PRESSURE</th>
<th>MATERIALS</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 1 ml/min</td>
<td>Ambient</td>
<td>18 barg</td>
<td>According to chemical compatibility (stainless steel, hastelloy, metal free)</td>
<td>ATEX certification (IIIB and IIC), FDA compliance</td>
</tr>
<tr>
<td>(for Low-Flow)</td>
<td>(heated dosing line on request)</td>
<td></td>
<td></td>
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<tr>
<td>to 8000 ml/min</td>
<td></td>
<td></td>
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<tr>
<td>(for G4)</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Flow Rate: From 1 ml/min (for Low-Flow) to 8000 ml/min (for G4)
Temperature: Ambient (heated dosing line on request)
Pressure: 18 barg
Materials: According to chemical compatibility (stainless steel, hastelloy, metal free)
Options: ATEX certification (IIIB and IIC), FDA compliance
Corning® Advanced-Flow™ Offer

Corning® Advanced-Flow™ reactors include a full range of services to enhance customers’ projects from development, through to implementation and operation including:

- Workshops and trainings
- Quick feasibility test (QFT)
- Basic and detailed auxiliary systems engineering
- Customized turnkey solutions
- Technical support
- FAT/SAT and industrial start up
- Assistance for FDA qualifications
- Pre- and post purchase technical support
- Compliance with international standards (ATEX, PED, SELO...)

EMEA and NSA

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