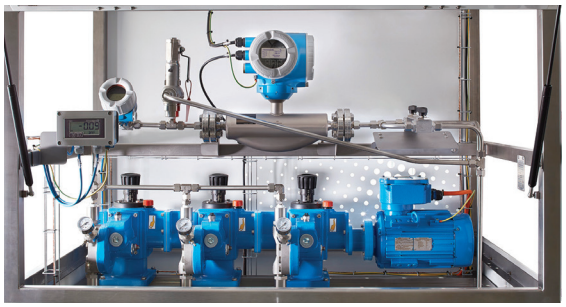
CORNING

The future flows through

Corning® Advanced-Flow™ Reactors

Dosing Lines

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



Key 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
- Mass transfer 100X better*
- Heat transfer 1000X better*
- Reaction volume 1000X lower*
- Residence time distribution 50X better*

Corning® Advanced-Flow™ Offer

Corning® Advanced-Flow™ reactors include a full range or services to enhance customers' projects from development, through 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...)

Flow Rate	Temperature	Pressure	Materials	Options
From 1ml/min (for Low-Flow) to 8000 ml/min (for G4)	Ambient (heated dosing line on request)	18 barg	According to chemical compatibility (stainless steel, Hastelloy, metal free)	ATEX certification (LLB and LLC); FDA compliance

** Compared to batch reactors.*

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