

CORNING

The future flows through
Corning® Advanced-Flow™ Reactors

Dosing lines

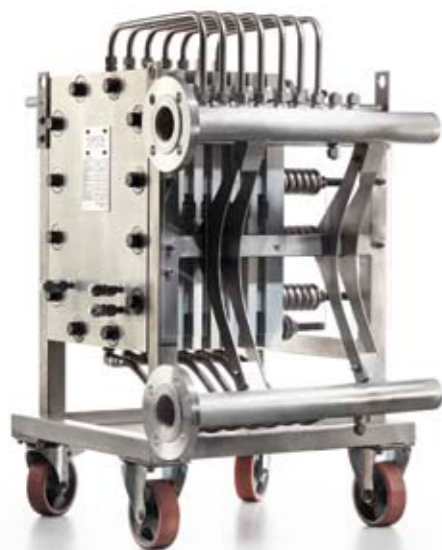


Dosing Lines

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

FLOW RATE	TEMPERATURE	PRESSURE	MATERIALS	OPTIONS
From 1 ml/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 (IIB and IIC); FDA compliance

Mass Transfer 100 x better *

Heat Transfer 1000 x better *

Reaction Volume 1000 x lower *

Residence Time Distribution 50 x better *

* compared to batch reactors

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...)

CORNING

EMEA and NSA

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