

## G1 Dosing line Options

- FDA compliant wetted materials
- Full Hastelloy line
- Spare pump head (easy to replace)

Note: a variety of pump head types can be used with G1 dosing lines to cover a large range of material compatibility.

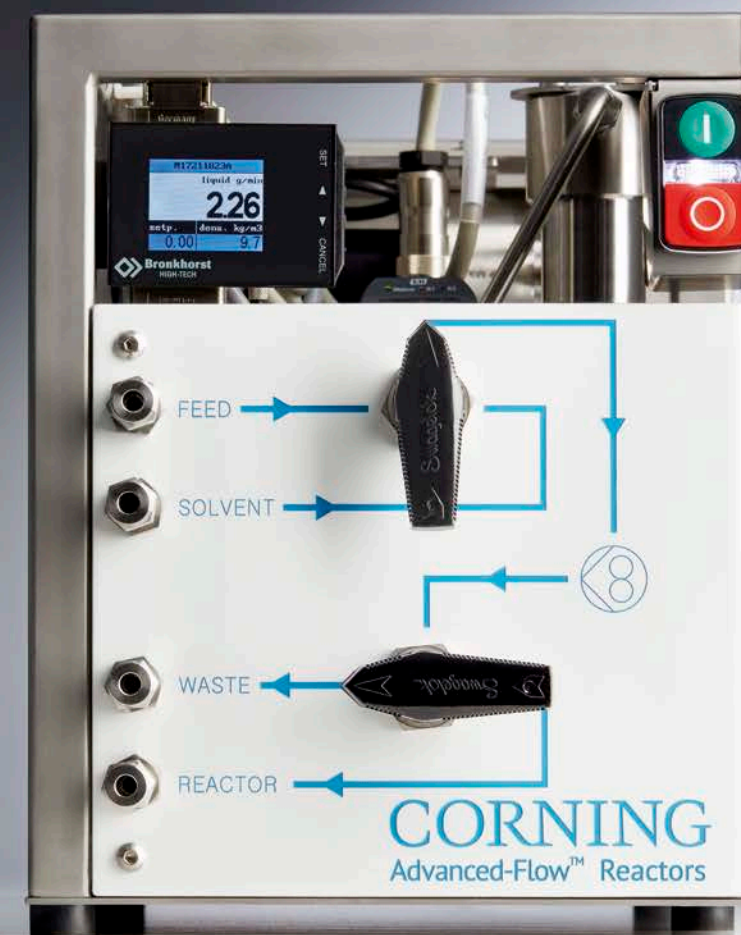
Please contact Corning AFR to identify the appropriate pump head for your specific application.



# CORNING

## The future flows through Corning® Advanced-Flow™ Reactors

## G1 Dosing Line



# CORNING

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# G1 Dosing Line (DL1A-11)

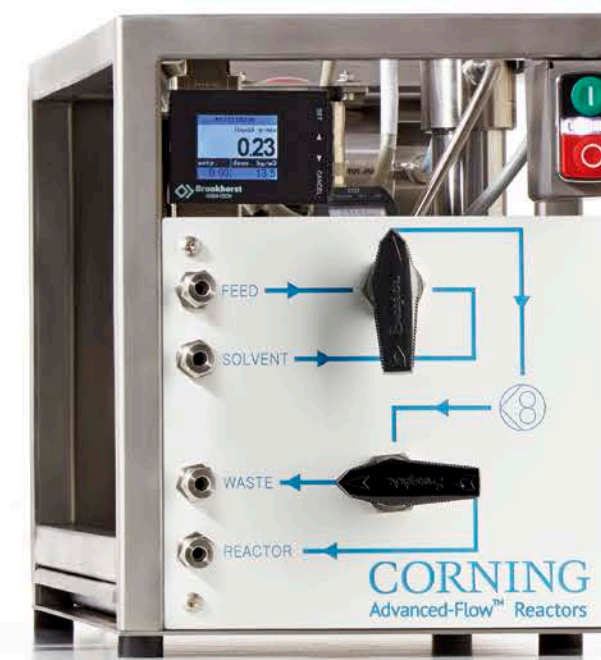
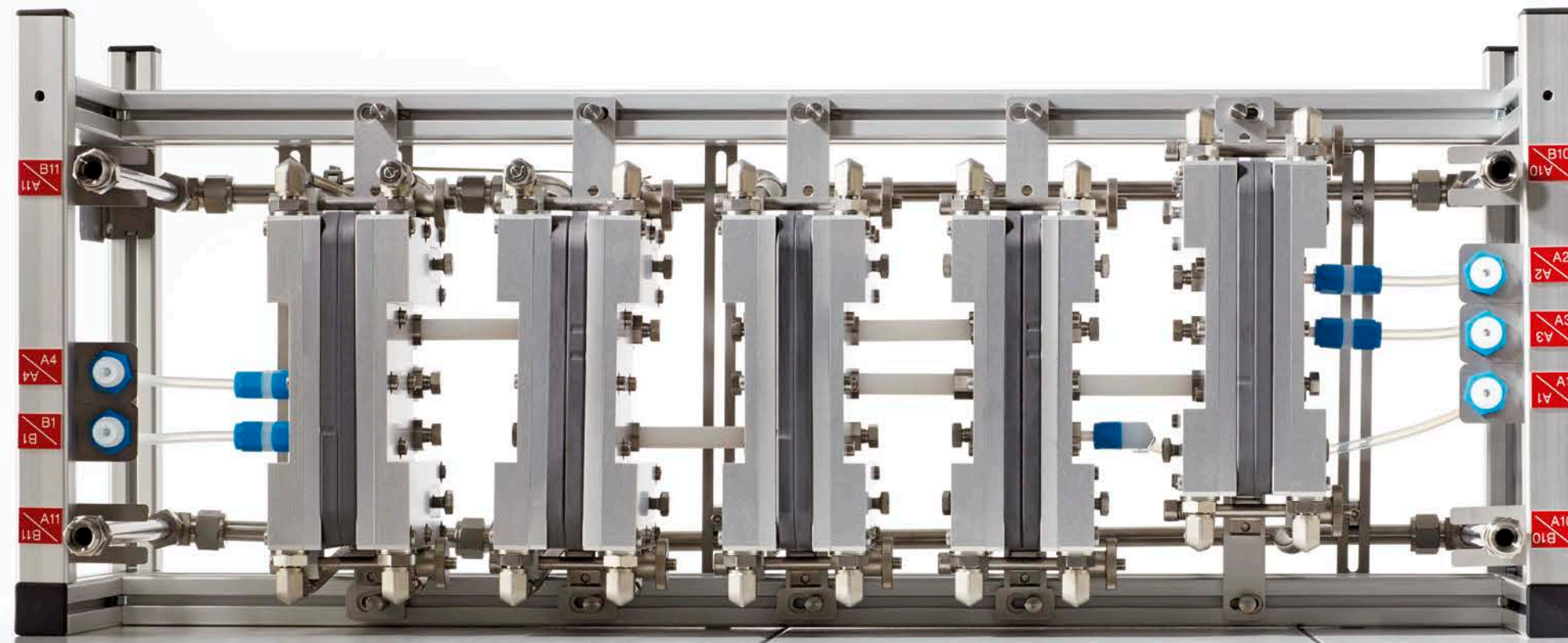
Consistent and pulseless flow is a key parameter for flow chemistry. Corning has developed suitable dosing systems for Low-Flow to G4 reactors to deliver complete turnkey solutions for process development and production. The DL1A-11 is a high precision dosing line specially designed to fit with Corning's G1 reactor.

## Features

- Advanced gear pump and Coriolis mass flow meter technology
- Precise and reproducible flow rate
- Local or remote control through a PC
- Pressure switch
- Compact design & small internal volume
- Dosing line can be stacked together or installed side by side
- User friendly
- Easy rinsing and cleaning
- Wide range of material compatibility

## Technical Specifications

FLOW RATE	TEMPERATURE	PRESSURE	MATERIALS	WEIGHT
1 to 50 ml/min	5°C to 60°C	Up to 18 barg	SS PFA Perfluoroelastomer	20 kg



Dosing line size:  
58 x 22 x 28 cm  
(L x W x H)

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