

CORNING

The future flows through
Corning® Advanced-Flow™ Reactors

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.

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



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

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.

Flow Rate

From
1 to
50 ml/min

Temperature

5°C
to
60°C

Pressure

Up to
18
barg

Materials

SS
PFA/PTFE
Perfluoroelastomer

Weight

20kg

CONTACT:

EMEA and NSA

Corning S.A.S.
Reactor Technologies
7bis Avenue de Valvins
CS 70156 Samois-sur-Seine
77215 Avon Cedex
France
Email: reactors@corning.com

CHINA

Corning China (Shanghai) RHQ
No. 358 Lu Qiao Road
Jinqiao Export Processing Zone, Pudong
Shanghai 201206
China
Email: reactor.asia@corning.com

INDIA

Corning Technologies India Pvt. Ltd.
2nd Floor, Pioneer Square
Sector 62, CRPF Road
Near Golf Course Extension Road
Gurugram, Haryana 122005
India
Email: reactor.asia@corning.com

www.corning.com/reactors