

CORNING

The future flows through
Corning® Advanced-Flow™ Reactors

Low-Flow Reactor

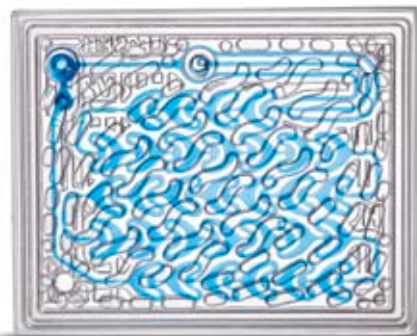


Low-Flow Reactor

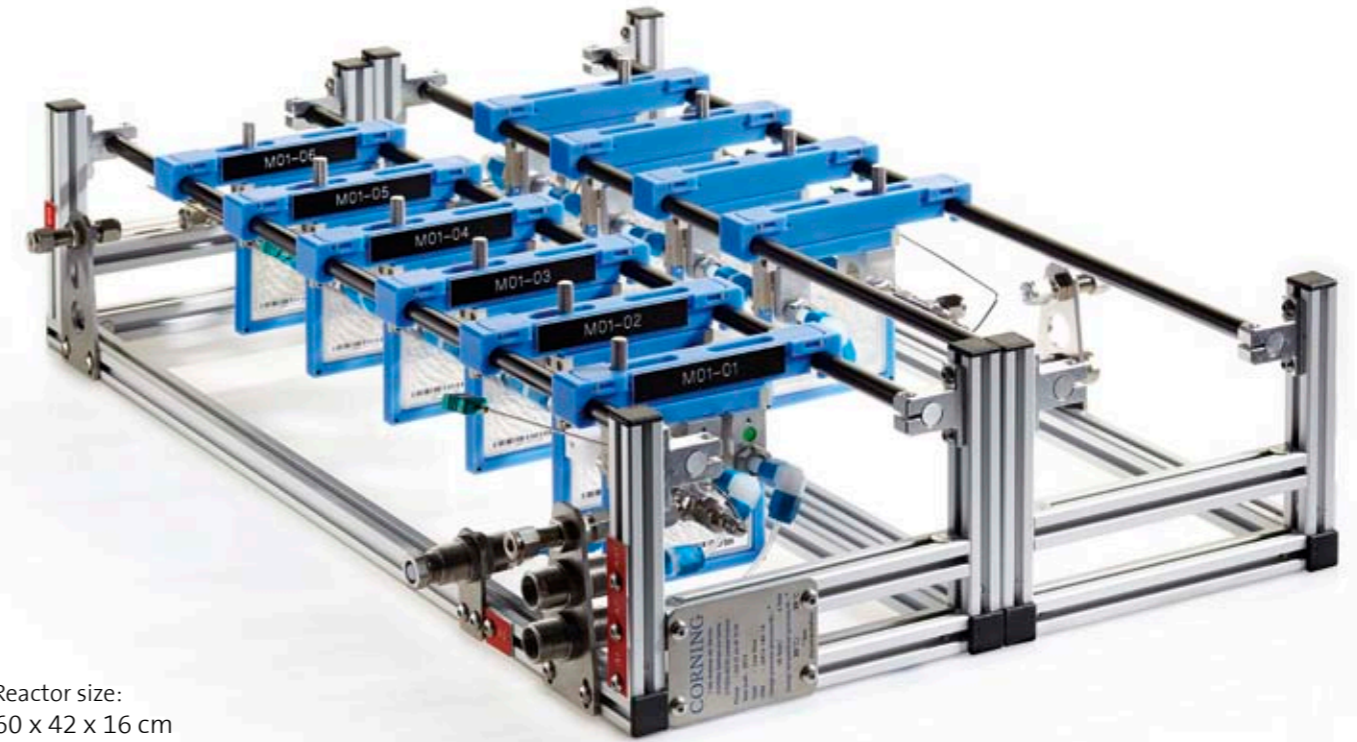
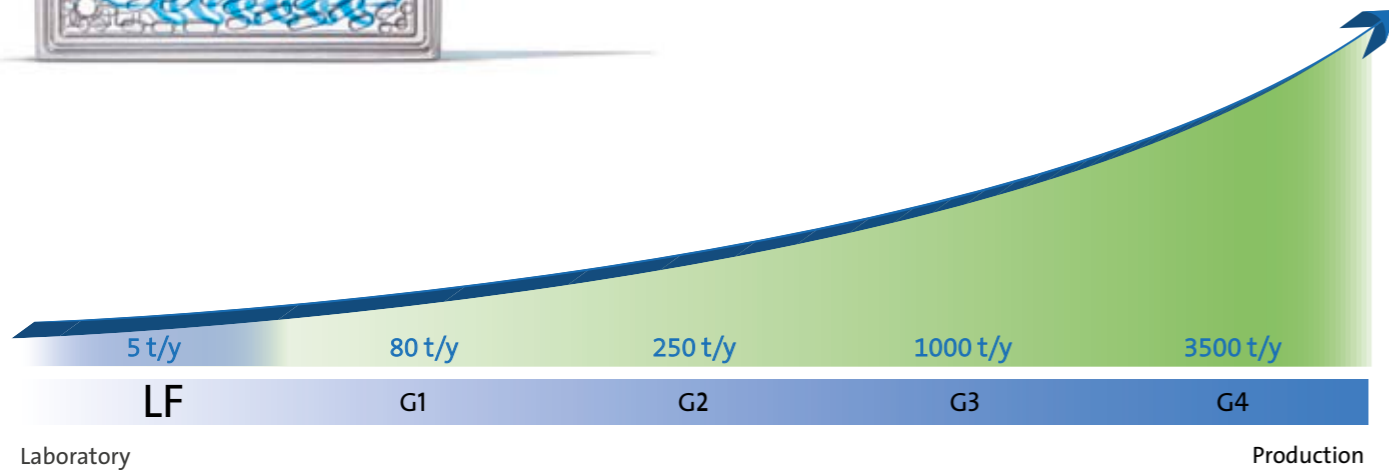
Laboratory scouting reactor

Features

- Outstanding mixing and heat exchange: patented HEART design
- Low internal volume
- High residence time
- Highly flexible
- Seamless scale-up with other Advanced-Flow™ Reactors products
- High chemical durability



Fluidic module size:
77 x 62 mm



Reactor size:
60 x 42 x 16 cm
(L x W x H)

Technical Specifications

FLOW RATE	TEMPERATURE	PRESSURE	MATERIALS	FLUIDIC MODULE	OPTIONS
2 to 10 ml/min	-60°C to 200°C	Up to 18 barg	Glass PFA Perfluoroelastomer	0.45 ml internal volume	FDA, cGMP compliance

Mass Transfer 100 x better *

Heat Transfer 1000 x better *

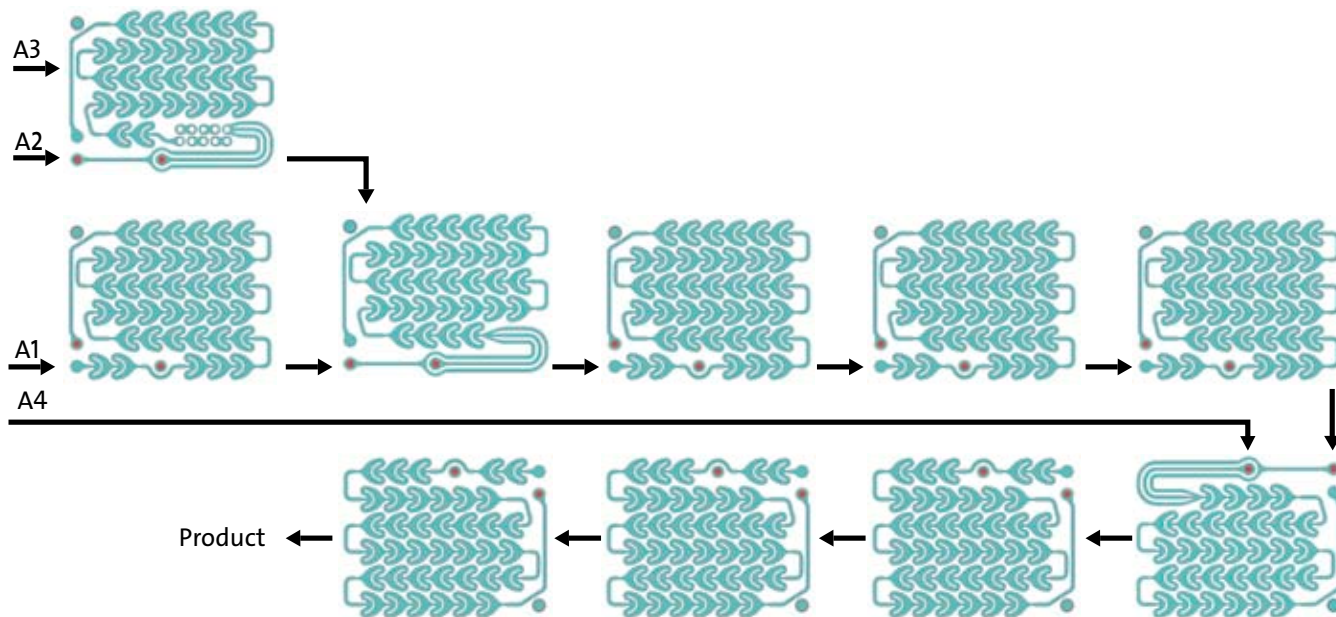
Reaction Volume 1000 x lower *

Residence Time Distribution 50 x better *

* compared to batch reactors

Reactor configuration

Reactor is multipurpose and configuration can be customized.
Injection points may be added anywhere on the reactor.



Example of a typical configuration

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EMEA and NSA

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