

CORNING

The future flows through
Corning® Advanced-Flow™ Reactors

G3 Reactor



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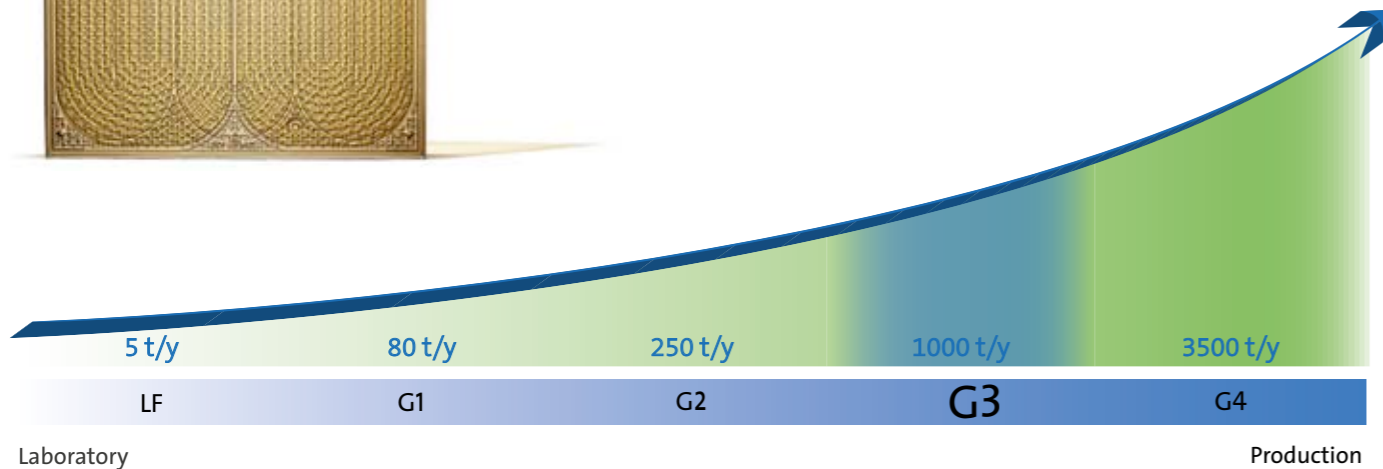
Pilot and production reactor

Features

- Outstanding mixing and heat exchange: patented HEART design
- Large internal volume
- High residence time
- Highly flexible
- Transparent and compatible with a light module for photochemistry
- Seamless scale-up with other Advanced-Flow™ Reactors products
- High chemical durability



Fluidic module size:
310 x 250 mm



Reactor size:
87 x 47 x 41 cm
(L x W x H)

Technical Specifications

FLOW RATE	TEMPERATURE	PRESSURE	MATERIALS	FLUIDIC MODULE	OPTIONS
400 to 2000 ml/min	-60°C to 200°C	Up to 18 barg	Glass PFA Perfluoroelastomer	60 ml internal volume	ATEX certification; 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

Make industrial production real with G3 reactor

- Direct seamless scale up from G1 to G3
- Shorter time to market *
- Low space requirement *
- Easy integration into existing unit
- Turnkey solution
- Technical support from lab test to industrial startup

* compared to batch reactors

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EMEA and NSA

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