

The future flows through Corning® Advanced-Flow™ Reactors



G1 SiC Reactor

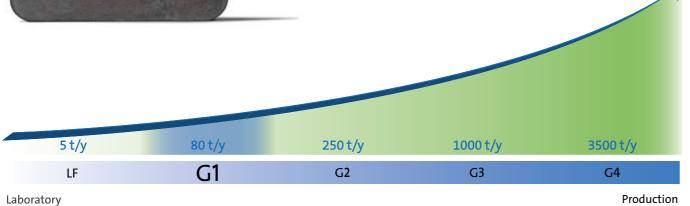
Process development and small production

Features

- Outstanding mixing and heat exchange: patented HEART design
- Small internal volume
- High residence time
- Highly flexible and multipurpose
- High chemical durability (suitable for high pH compounds and hydrofluoric acid)
- Hybrid glass/SiC solution
- Seamless scale-up with other Advanced-Flow™ Reactors products



Fluidic module size: 188 x 162 mm





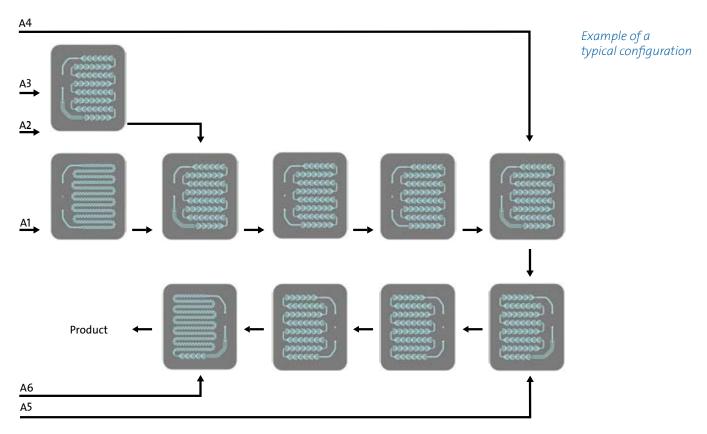
Reactor size: 88 x 38 x 72 cm (L x W x H)

Technical Specifications

FLOW RATE	TEMPERATURE	PRESSURE	MATERIALS	FLUIDIC MODULE	OPTIONS
30 to 200 ml/min	-60°C to 200°C	Up to 18 barg	Silicon Carbide PFA Perfluoroelastomer	10 ml internal volume	ATEX certification; FDA, cGMP compliance

Reactor configuration

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



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