CORNING

The future flows through

Corning® Advanced-Flow™ Reactors

Low-Flow Reactor System 2

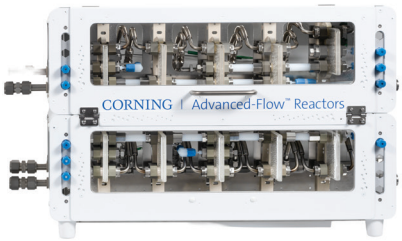
Stepping into flow chemistry

- Plug and play system
- High chemical durability due to full metal-free system

Lab Dosing Unit

- Up to 4 liquid lines with an option of a high precision syringe pump
- 1 gas line with pressure sensor
- Thermostat for reaction temperature control
- Easy to use touch screen control interface
- Real time data monitoring & recording. Data transfer (Ethernet)

Dosing Unit
size: 41 x 47 x 53 cm
(L x W x H)



Reactor Unit
size: 63 x 31 x 21 cm
(L x W x H)

Low-Flow Reactor Unit

- Outstanding mixing and heat exchange: patented HEART design
- Low hold-up
- Highly flexible for multiple step reactions
- Multiple temperature zones
- Up to 10 glass fluidic modules
- Seamless scale-up with other Advanced-Flow™ Reactors

Flow Rate	Temperature	Pressure	Wetted Materials	Internal Volume
2 to 20 ml/min* *Limited by pressure drop	-60°C to 200°C *Depends on thermostat	Up to 18 barg	Glass PFA/PTFE Perfluoroelastomer	0.5 ml per fluidic module

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