

The best reactions come from the HEART



Low-Flow Reactor System 2



## Low-Flow Reactor System 2 Stepping into Flow Chemistry

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

### Lab Dosing Unit Features:

- 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 through Ethernet.

## Low-Flow Reactor Unit

- Outstanding mixing & heat exchange: featuring Corning's HEART-cell 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



## Low-Flow Reactor System 2



FLOW RATE	TEMPERATURE	PRESSURE	WETTED MATERIALS	INTERNAL VOLUME
2 to 20 ml/min*	-60°C to 200°C*	Up to 18 barg	Glass PFA / PTFE Perfluoroelastomer	0.5 ml per fluidic module
* Limited by pressure drop	* Depends on thermostat			

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

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



# CORNING

Advanced-Flow™ Reactors

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