

Smart, safe and clean chemistry

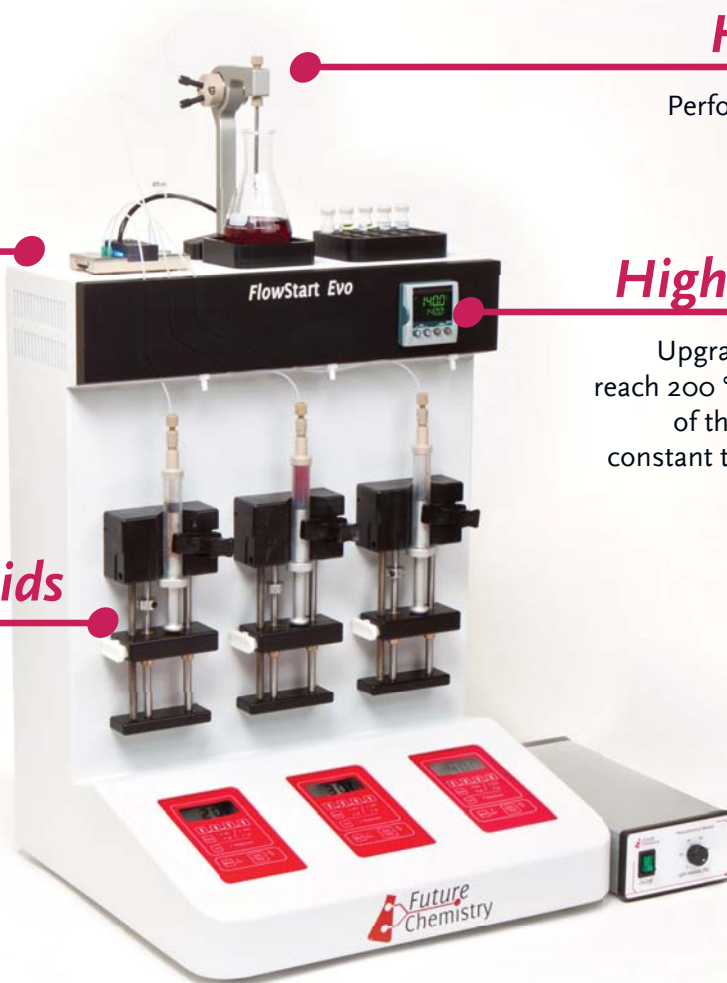
FlowStart Evo add-on modules

Photochemistry

The Photochemistry add-on module allows you to combine photochemistry with the benefits that flow chemistry offers

Concentrated acids

You can use concentrated mineral acids with our Mineral acids module



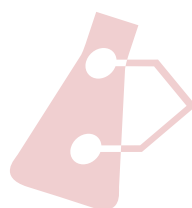
High pressure

Perform flow chemistry under increased pressure

High temperature

Upgrade your FlowStart Evo to reach 200 °C over the entire surface of the microreactor to ensure constant temperatures throughout your process

Broaden the scope of your FlowStart Evo!



High pressure



Concentrated acids



Photochemistry

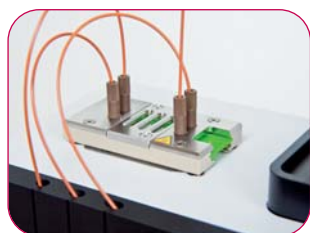
FlowStart *Evo* add-on modules



Photochemistry modules

The Photochemistry add-on modules allow you to combine photochemistry with the benefits from flow chemistry.

Emission wavelengths (nm): 365 (UV), 470 (blue)
Compatibility: FlowStart, FlowStart Evo



High temperature module

FlowStart Evo 140's maximum temperature can now be simply increased to 200 °C with our High temperature module.

Temperature range: -10 to 200 °C
Wetted parts: PEEK or Stainless steel, Perlast®



Back pressure regulator

Working at higher temperatures often also requires higher pressures. The Back pressure regulator increases the pressure inside the microreactor up to 5 bar.

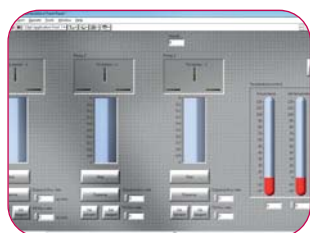
Pressure range: 1.7 to 5.1 bar / 25-75 psi (adjustable)
Void volume: 5 µL
Wetted parts: PEEK, Kalrez®



Mineral acids module

Performing reactions with high concentrations of mineral acids such as sulphuric or nitric acid creates high demands on the material of flow chemistry systems. FutureChemistry now offers an add-on module to upgrade the compatibility of your system.

Temperature range: -10 to 140 °C
Wetted parts: PTFE, ETFE



Computer control upgrade

The FlowStart Evo is standard fully controllable with its local control interfaces. However, you can now also control it remotely on a laptop with the FlowStart Evo Remote Control Upgrade.

Interface: USB
Compatibility: Windows XP, Windows Vista, Windows 7



Education module

FutureChemistry offers a flow chemistry course for the implementation of flow chemistry at your university. This practical course is developed by students in cooperation with FutureChemistry and has shown its success at universities in Europe, Asia and United States. The flow chemistry course is developed to offer a dynamic set of experiments in terms of difficulty, duration and analysis methods, by which the opportunity of implementing the course throughout the entire curriculum is enhanced.