

# **Global Flow Chemistry Market Study 2015-2025, by Segment (Continuous Stirred Tank Reactors (CSTR), Plug Flow Reactors (PFR), Micro reactor systems (MRT)), by Market (Chemical industry, Pharmaceutical Academic & Research, Academic & Research), by Company (Syrris, Chemitrix, Vapourtec)**

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## **Abstracts**

### Snapshot

In Flow Chemistry, two or more reagents are continuously pumped into a flow-reactor, where they mix and subsequently react under thermal control. Flow Chemistry has some major advantages. Mixing can be achieved within seconds and reaction temperature can be raised above the solvent's boiling point, resulting in faster reactions. Flow Chemistry enables excellent reaction selectivity. The rapid diffusion mixing avoids the issues found in batch reactors. The high surface area to volume ratio (1000x greater than a batch reactor) enables almost instantaneous heating or cooling and therefore ultimate temperature control, resulting in cleaner products.

The global Flow Chemistry market will reach xxx Million USD in 2018 and with a CAGR of xx% between 2019-2025.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Continuous Stirred Tank Reactors (CSTR)

Plug Flow Reactors (PFR)

Micro reactor systems (MRT)

Others

Demand Coverage (Market Size & Forecast, Consumer Distribution):

Chemical industry

Pharmaceutical

Academic & Research

Others

Company Coverage (Sales data, Main Products & Services etc.):

Syrris

Chemitrix

Vapourtec

ThalesNano

Uniqsis Ltd

YMC Engineering

AM Technology

HEL Group

FutureChemistry

Major Region Market

North America

Europe

Asia-Pacific

South America

Middle East & Africa

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