

Global Flow Chemistry Market Research Report 2012-2024

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SUMMARY

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 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

- Continuous Stirred Tank Reactors (CSTR)
- Plug Flow Reactors (PFR)
- Micro reactor systems (MRT)
- Others

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

- Syrris
- Chemitrix
- Vapourtec
- ThalesNano
- Uniqsis Ltd
- YMC Engineering
- AM Technology
- HEL Group
- FutureChemistry

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

- Chemical industry
- Pharmaceutical
- Academic & Research

- Others

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

- Asia-Pacific
- North America
- Europe
- South America
- Middle East & Africa

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