

# **Flow Chemistry Market Analysis By Application (Pharmaceuticals, Chemicals, Academia & Research, Petrochemicals), By Reactors (CSTR, Plug Flow Reactors, MRT, Microwave Systems), By Region, And Segment Forecasts, 2014 - 2025**

<https://marketpublishers.com/r/F4069599BACEN.html>

Date: March 2017

Pages: 97

Price: US\$ 5,950.00 (Single User License)

ID: F4069599BACEN

## **Abstracts**

The global flow chemistry market is expected to reach a market size of USD 2.39 billion by 2025, according to a new report by Grand View Research, Inc. Increasing focus towards cost effectiveness, safety, and environmental regulations are expected to have a positive impact on the demand over the forecast period.

The flow chemistry involves a continuous flow of chemical processes in order to develop intermediate chemicals that are complex to achieve through the batch manufacturing process. High control over factors such as reaction time, temperature, flow, pumped volumes, and pressure allows increased safety levels in the process.

Further key findings from the report suggest:

Petrochemicals accounted for a significant market share and is expected to witness a CAGR of over 9%, in terms of revenue on account of highly favorable conditions for the ethylene and polyethylene manufacturers in North America

Pharmaceutical industry is expected to witness the fastest growth over the forecast period on account of high flexibility in choice of the solvents as well as temperature & pressure conditions, thereby resulting in high purity product

Continuous stirred tank reactor segment is expected to grow at a CAGR of over 8% from 2015 to 2025 on account of its high penetration in industrial processing

Asia Pacific is expected to witness a CAGR of over 11% from 2016 to 2025 on account of rapidly growing investment in pharmaceutical and chemical manufacturing in China and India

The flow chemistry industry in Central & South America is majorly driven by rapid urbanization and rising demand for generic drugs

In February 2016, Chemtrix appointed Central Scientific Commerce as its distributor in Japan in order to facilitate direct reactor sales and customer support to the R&D and production communities in the economy

In November 2015, Biotage AB opened a demonstration & application lab in Sweden which facilitated further research across all the product lines of the company

## Contents

### CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research Methodology
- 1.2 Research Scope & Assumptions
- 1.3 List of Data Sources

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Snapshot

### CHAPTER 3 FLOW CHEMISTRY MARKET VARIABLES, TRENDS & SCOPE

- 3.1 Market segmentation & scope
  - 3.1.1 Penetration & growth prospect mapping
- 3.2 Value Chain Analysis - Flow Chemistry Market
- 3.3 Technology Outlook
  - 3.3.1 Gas based flow chemistry
  - 3.3.2 Photochemistry based flow chemistry
  - 3.3.3 Microwave irradiation based flow chemistry
- 3.4 Regulatory Framework
- 3.5 Market Dynamics
  - 3.5.1 Market Driver Analysis
    - 3.5.1.1 Low operating cost as compared to batch processes
    - 3.5.1.2 Green and sustainable technology
  - 3.5.2 Market Restraint Analysis
    - 3.5.2.1 High R&D and reactor cost
- 3.6 Flow Chemistry Market - PESTEL Analysis
- 3.7 Industry Analysis - Porter's

### CHAPTER 4 FLOW CHEMISTRY MARKET: REACTOR ESTIMATES & TREND ANALYSIS

- 4.1 Flow chemistry market: Raw material movement analysis
- 4.2 Continuous Stirred Tank Reactor (CSTR)
  - 4.2.1 Continuous stirred tank reactors market demand, 2014 - 2025 (USD Million)
  - 4.2.2 Continuous stirred tank reactor market demand, by region, 2014 - 2025 (USD Million)

#### 4.3 Plug Flow Reactor (PFR)

4.3.1 Plug flow reactor market demand, 2014 - 2025 (USD Million)

4.3.2 Plug flow reactor market demand, by region, 2014 - 2025 (USD Million)

#### 4.4 Microreactor

4.4.1 Microreactor market demand, 2014 - 2025 (USD Million)

4.4.2 Microreactor market demand, by region, 2014 - 2025 (USD Million)

#### 4.5 Microwave Systems

4.5.1 Microwave systems market demand, 2014 - 2025 (USD Million)

4.5.2 Microwave systems market demand, by region, 2014 - 2025 (USD Million)

#### 4.6 Other reactors

4.6.1 Other reactors market demand, 2014 - 2025 (USD Million)

4.6.2 Other reactors market demand, by region, 2014 - 2025 (USD Thousand)

### **CHAPTER 5 FLOW CHEMISTRY MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

#### 5.1 Flow chemistry market: Application movement analysis

##### 5.2 Pharmaceuticals

5.2.1 Flow chemistry market demand in pharmaceuticals, 2014 - 2025 (USD Million)

5.2.2 Flow chemistry market demand in pharmaceuticals, by region, 2014 - 2025 (USD Million)

##### 5.3 Chemicals

5.3.1 Flow chemistry market demand in chemicals, 2014 - 2025 (USD Million)

5.3.2 Flow chemistry market demand in chemicals, by region, 2014 - 2025 (USD Million)

##### 5.4 Academia & Research

5.4.1 Flow chemistry market demand in academia & research, 2014 - 2025 (USD Million)

5.4.2 Flow chemistry market demand in academia & research, by region, 2014 - 2025 (USD Million)

##### 5.5 Petrochemicals

5.5.1 Flow chemistry market demand in petrochemicals, 2014 - 2025 (USD Million)

5.5.2 Flow chemistry market demand in petrochemicals, by region, 2014 - 2025 (USD Million)

##### 5.6 Other Applications

5.6.1 Flow chemistry market demand in other applications, 2014 - 2025 (USD Million)

5.6.2 Flow chemistry market demand in other applications, by region, 2014 - 2025 (USD Million)

## **CHAPTER 6 FLOW CHEMISTRY: REGIONAL ESTIMATES & TREND ANALYSIS, BY REACTOR TYPE AND APPLICATION**

- 6.1 Regional Movement Analysis & Market Share, 2015 & 2025
- 6.2 North America Movement Analysis & Market Share, 2015 & 2025
  - 6.2.1 North America market estimates and forecast, by reactor (USD Million)
    - 6.2.1.1 North America flow chemistry market estimates and forecast, by application (USD Million)
  - 6.2.2 U.S. flow chemistry market share, 2015 & 2024
    - 6.2.2.1 U.S. market estimates and forecast, by reactor (USD Million)
    - 6.2.2.2 U.S. market estimates and forecast, by application (USD Million)
- 6.3 Europe Movement Analysis & Market Share, 2015 & 2025
  - 6.3.1 Europe market estimates and forecast, by reactor (USD Million)
    - 6.3.1.1 Europe flow chemistry market estimates and forecast, by application (USD Million)
  - 6.3.2 Germany flow chemistry market share, 2015 & 2024
    - 6.3.2.1 Germany market estimates and forecast, by reactor (USD Million)
    - 6.3.2.2 Germany market estimates and forecast, by application (USD Million)
  - 6.3.3 UK flow chemistry market share, 2015 & 2024
    - 6.3.3.1 UK market estimates and forecast, by reactor (USD Thousand)
    - 6.3.3.2 UK market estimates and forecast, by application (USD Million)
- 6.4 Asia Pacific Movement Analysis & Market Share, 2015 & 2025
  - 6.4.1 Asia Pacific market estimates and forecast, by reactor (USD Million)
    - 6.4.1.1 Asia Pacific flow chemistry market estimates and forecast, by application (USD Million)
  - 6.4.2 China flow chemistry market share, 2015 & 2024
    - 6.4.2.1 China market estimates and forecast, by reactor (USD Million)
    - 6.4.2.2 China market estimates and forecast, by application (USD Million)
  - 6.4.3 Japan flow chemistry market share, 2015 & 2024
    - 6.4.3.1 Japan market estimates and forecast, by reactor (USD Million)
    - 6.4.3.2 Japan market estimates and forecast, by application (USD Million)
  - 6.4.4 India flow chemistry market share, 2015 & 2024
    - 6.4.4.1 India market estimates and forecast, by reactor (USD Thousand)
    - 6.4.4.2 India market estimates and forecast, by application (USD Thousand)
- 6.5 Central & South America Movement Analysis & Market Share, 2015 & 2025
  - 6.5.1 Central & South America market estimates and forecast, by reactor (USD Million)
    - 6.5.1.1 Central & South America flow chemistry market estimates and forecast, by application (USD Million)
  - 6.5.2 Brazil flow chemistry market share, 2015 & 2024

- 6.5.2.1 Brazil market estimates and forecast, by reactor (USD Thousand)
- 6.5.2.2 Brazil market estimates and forecast, by application (USD Million)
- 6.6 Middle East & Africa Movement Analysis & Market Share, 2015 & 2025
  - 6.6.1 Middle East & Africa market estimates and forecast, by reactor (USD Thousand)
    - 6.6.1.1 Middle East & Africa flow chemistry market estimates and forecast, by application (USD Thousand)

## **CHAPTER 7 COMPETITIVE LANDSCAPE**

- 7.1 Vendor Landscape
- 7.2 Key Reactor Suppliers
- 7.3 Competitive Environment
- 7.4 Company Market Positioning
- 7.5 Strategy Framework

## **CHAPTER 8 COMPANY PROFILES**

- 8.1 Am Technology
  - 8.1.1 Company Overview
  - 8.1.2 Product Benchmarking
  - 8.1.3 Strategic Initiatives
- 8.2 CEM Corporation
  - 8.2.1 Company Overview
  - 8.2.2 Financial Performance
  - 8.2.3 Product Benchmarking
- 8.3 Milestone Srl
  - 8.3.1 Company Overview
  - 8.3.2 Financial Performance
  - 8.3.3 Product Benchmarking
- 8.4 Biotage AB
  - 8.4.1 Company Overview
  - 8.4.2 Financial Performance
  - 8.4.3 Product Benchmarking
  - 8.4.4 Strategic Initiatives
- 8.5 Syrris Ltd
  - 8.5.1 Company Overview
  - 8.5.2 Financial Performance
  - 8.5.3 Product Benchmarking
  - 8.5.4 Strategic Initiatives

## 8.6 Vapourtec Ltd

8.6.1 Company Overview

8.6.2 Product Benchmarking

8.6.3 Strategic Initiatives

## 8.7 ThalesNano Inc.

8.7.1 Company Overview

8.7.2 Financial Performance

8.7.3 Product Benchmarking

8.7.4 Strategic Initiatives

## 8.8 Hel Group

8.8.1 Company Overview

8.8.2 Product Benchmarking

## 8.9 Uniqsis Ltd.

8.9.1 Company Overview

8.9.2 Product Benchmarking

## 8.10 Chemtrix BV

8.10.1 Company Overview

8.10.2 Financial Performance

8.10.3 Product Benchmarking

8.10.4 Strategic Initiatives

## 8.11 Ehrfeld Mikrotechnik BTS

8.11.1 Company Overview

8.11.2 Financial Performance

8.11.3 Product Benchmarking

## 8.12 Future Chemistry Holding BV

8.12.1 Company Overview

8.12.2 Product Benchmarking

## 8.13 Corning Incorporated

8.13.1 Company Overview

8.13.2 Financial Performance

8.13.3 Product Benchmarking

## 8.14 Parr Instrument Company

8.14.1 Company Overview

8.14.2 Financial Performance

8.14.3 Product Benchmarking

## 8.15 Cambridge Reactor Design Ltd

8.15.1 Company Overview

8.15.2 Product Benchmarking

## 8.16 Lonza

- 8.16.1 Company Overview
- 8.16.2 Financial Performance
- 8.16.3 Product Benchmarking
- 8.17 PDC Machines Inc.
  - 8.17.1 Company Overview
  - 8.17.2 Financial Performance
  - 8.17.3 Product Benchmarking
- 8.18 Little thing factory GmbH
  - 8.18.1 Company Overview
  - 8.18.2 Financial Performance
  - 8.18.3 Product Benchmarking
  - 8.18.4 Strategic Initiatives
- 8.19 C-Tech Innovation
  - 8.19.1 Company Overview
  - 8.19.2 Product Benchmarking
- 8.20 Saida FDS Inc.
  - 8.20.1 Company Overview
  - 8.20.2 Financial Performance
  - 8.20.3 Product Benchmarking



## List Of Tables

### LIST OF TABLES

1. GLOBAL CONTINUOUS STIRRED TANKS REACTORS MARKET ESTIMATES & FORECASTS, 2014 - 2025 (USD MILLION)
2. GLOBAL CONTINUOUS STIRRED TANK REACTOR MARKET REVENUE, BY REGION, 2014 - 2025 (USD MILLION)
3. GLOBAL PLUG FLOW REACTOR MARKET ESTIMATES & FORECASTS, 2014 - 2025 (USD MILLION)
4. GLOBAL PLUG FLOW REACTOR MARKET REVENUE, BY REGION, 2014 - 2025 (USD MILLION)
5. GLOBAL MICROREACTOR MARKET ESTIMATES & FORECASTS, 2014 - 2025 (USD MILLION)
6. GLOBAL MICROREACTOR MARKET REVENUE, BY REGION, 2014 - 2025 (USD MILLION)
7. GLOBAL MICROWAVE SYSTEMS MARKET ESTIMATES & FORECASTS, 2014 - 2025 (USD MILLION)
8. GLOBAL MICROWAVE SYSTEMS MARKET REVENUE, BY REGION, 2014 - 2025 (USD MILLION)
9. GLOBAL OTHER REACTORS MARKET ESTIMATES & FORECASTS, 2014 - 2025 (USD MILLION)
10. GLOBAL OTHER REACTORS MARKET REVENUE, BY REGION, 2014 - 2025 (USD THOUSAND)
11. GLOBAL FLOW CHEMISTRY MARKET ESTIMATES & FORECASTS IN PHARMACEUTICALS, 2014 - 2025 (USD MILLION)
12. GLOBAL FLOW CHEMISTRY MARKET REVENUE IN PHARMACEUTICALS, 2014 - 2025 (USD MILLION)
13. GLOBAL FLOW CHEMISTRY MARKET ESTIMATES & FORECASTS IN CHEMICALS, 2014 - 2025 (USD MILLION)
14. GLOBAL FLOW CHEMISTRY MARKET REVENUE IN CHEMICALS, 2014 - 2025 (USD MILLION)
15. GLOBAL FLOW CHEMISTRY MARKET ESTIMATES & FORECASTS IN ACADEMIA & RESEARCH, 2014 - 2025 (USD MILLION)
16. GLOBAL FLOW CHEMISTRY MARKET REVENUE IN ACADEMIA & RESEARCH, 2014 - 2025 (USD MILLION)
17. GLOBAL FLOW CHEMISTRY MARKET ESTIMATES & FORECASTS IN PETROCHEMICALS, 2014 - 2025 (USD MILLION)
18. GLOBAL FLOW CHEMISTRY MARKET REVENUE IN PETROCHEMICALS, 2014 -

2025 (USD MILLION)

19. GLOBAL FLOW CHEMISTRY MARKET ESTIMATES & FORECASTS IN OTHER APPLICATIONS, 2014 - 2025 (USD MILLION)

20. GLOBAL FLOW CHEMISTRY MARKET REVENUE IN OTHER APPLICATIONS, 2014 - 2025 (USD MILLION)

21. NORTH AMERICA FLOW CHEMISTRY MARKET REVENUE, BY REACTOR, 2014 - 2025 (USD MILLION)

22. NORTH AMERICA FLOW CHEMISTRY MARKET REVENUE, BY APPLICATION, 2014 - 2025 (USD MILLION)

23. U.S. FLOW CHEMISTRY MARKET REVENUE, BY REACTOR, 2014 - 2025 (USD MILLION)

24. U.S. FLOW CHEMISTRY MARKET REVENUE, BY APPLICATION, 2014 - 2025 (USD MILLION)

25. EUROPE FLOW CHEMISTRY MARKET REVENUE, BY REACTOR, 2014 - 2025 (USD MILLION)

26. EUROPE FLOW CHEMISTRY MARKET REVENUE, BY APPLICATION, 2014 - 2025 (USD MILLION)

27. GERMANY FLOW CHEMISTRY MARKET REVENUE, BY REACTOR, 2014 - 2025 (USD MILLION)

28. GERMANY FLOW CHEMISTRY MARKET REVENUE, BY APPLICATION, 2014 - 2025 (USD MILLION)

29. UK FLOW CHEMISTRY MARKET REVENUE, BY REACTOR, 2014 - 2025 (USD THOUSAND)

30. UK FLOW CHEMISTRY MARKET REVENUE, BY APPLICATION, 2014 - 2025 (USD MILLION)

31. ASIA PACIFIC FLOW CHEMISTRY MARKET REVENUE, BY REACTOR, 2014 - 2025 (USD MILLION)

32. ASIA PACIFIC FLOW CHEMISTRY MARKET REVENUE, BY APPLICATION, 2014 - 2025 (USD MILLION)

33. CHINA FLOW CHEMISTRY MARKET REVENUE, BY REACTOR, 2014 - 2025 (USD MILLION)

34. CHINA FLOW CHEMISTRY MARKET REVENUE, BY APPLICATION, 2014 - 2025 (USD MILLION)

35. JAPAN FLOW CHEMISTRY MARKET REVENUE, BY REACTOR, 2014 - 2025 (USD MILLION)

36. JAPAN FLOW CHEMISTRY MARKET REVENUE, BY APPLICATION, 2014 - 2025 (USD MILLION)

37. INDIA FLOW CHEMISTRY MARKET REVENUE, BY REACTOR, 2014 - 2025 (USD THOUSAND)

38. INDIA FLOW CHEMISTRY MARKET REVENUE, BY APPLICATION, 2014 - 2025  
(USD THOUSAND)

39. CENTRAL & SOUTH AMERICA FLOW CHEMISTRY MARKET REVENUE, BY  
REACTOR, 2014 - 2025 (USD MILLION)

40. CENTRAL & SOUTH AMERICA FLOW CHEMISTRY MARKET REVENUE, BY  
APPLICATION, 2014 - 2025 (USD MILLION)

41. BRAZIL FLOW CHEMISTRY MARKET REVENUE, BY REACTOR, 2014 - 2025  
(USD THOUSAND)

42. BRAZIL FLOW CHEMISTRY MARKET REVENUE, BY APPLICATION, 2014 - 2025  
(USD MILLION)

43. MIDDLE EAST & AFRICA FLOW CHEMISTRY MARKET REVENUE, BY  
REACTOR, 2014 - 2025 (USD THOUSAND)

44. MIDDLE EAST & AFRICA FLOW CHEMISTRY MARKET REVENUE, BY  
APPLICATION, 2014 - 2025 (USD THOUSAND)

## List Of Figures

### LIST OF FIGURES

1. MARKET SUMMARY
2. MARKET SEGMENTATION & SCOPE
3. PENETRATION & GROWTH PROSPECT MAPPING
4. FLOW CHEMISTRY MARKET - VALUE CHAIN ANALYSIS
5. MARKET DYNAMICS
6. MARKET DRIVER RELEVANCE ANALYSIS (CURRENT & FUTURE IMPACT)
7. MARKET RESTRAINT RELEVANCE ANALYSIS (CURRENT & FUTURE IMPACT)
8. PESTEL ANALYSIS
9. PORTER'S FIVE FORCES ANALYSIS
10. FLOW CHEMISTRY REACTOR OUTLOOK: KEY TAKEAWAYS
11. FLOW CHEMISTRY MARKET: REACTOR MOVEMENT ANALYSIS, 2015 & 2025
12. FLOW CHEMISTRY APPLICATION OUTLOOK: KEY TAKEAWAYS
13. FLOW CHEMISTRY MARKET: APPLICATION MOVEMENT ANALYSIS, 2015 & 2025
14. REGIONAL MARKETPLACE: KEY TAKEAWAYS
15. FLOW CHEMISTRY MARKET: REGIONAL MOVEMENT ANALYSIS, 2015 & 2025
16. NORTH AMERICA MARKET REVENUE ESTIMATES, (USD MILLION) (2014 - 2025)
17. U.S. COUNTRY OUTLOOK, 2014 TO 2025 (USD MILLION)
18. EUROPE MARKET REVENUE ESTIMATES, (USD MILLION) (2014 - 2025)
19. GERMANY COUNTRY OUTLOOK, 2014 TO 2025 (USD MILLION)
20. UK COUNTRY OUTLOOK, 2014 TO 2025 (USD MILLION)
21. ASIA PACIFIC MARKET REVENUE ESTIMATES, (USD MILLION) (2014 - 2025)
22. CHINA COUNTRY OUTLOOK, 2014 TO 2025 (USD MILLION)
23. JAPAN COUNTRY OUTLOOK, 2014 TO 2025 (USD MILLION)
24. INDIA COUNTRY OUTLOOK, 2014 TO 2025 (USD MILLION)
25. CENTRAL & SOUTH AMERICA MARKET REVENUE ESTIMATES, (USD MILLION) (2014 - 2025)
26. BRAZIL COUNTRY OUTLOOK, 2014 TO 2025 (USD MILLION)
27. MIDDLE EAST & AFRICA MARKET REVENUE ESTIMATES, (USD MILLION) (2014 - 2025)
28. STRATEGY FRAMEWORK

## I would like to order

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