

# **Global Chemical Synthesizer Market Size study, by Product Type (Conventional, Microwave, Electro-Thermal, Universal) by end use industries (Chemical Industry, Pharma and Biotech Industry, Food and Beverages Industry, Academics and Educational Institutes, Testing Labs and Health Institutes, Others) by Mode (Single Mode, Parallel Mode) by Application (Organic Synthesis, Inorganic Synthesis, Teaching Laboratories, Inorganic Chemistry, Nanomaterial's Production, Polymer Synthesis, Parallel Reaction, Processing, Acid Digestion for Metals Analysis, Solvent Extraction, Others) and Regional Forecasts 2021-2027**

<https://marketpublishers.com/r/G1BCA8FB54BDEN.html>

Date: December 2021

Pages: 200

Price: US\$ 3,218.00 (Single User License)

ID: G1BCA8FB54BDEN

## **Abstracts**

Global Chemical Synthesizer Market is valued approximately USD XX billion in 2020 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2021-2027. Chemical synthesizers are used to run multiple reactions in parallel. chemical synthesis is the automated execution of chemical reactions to obtain several products. Chemical synthesis is widely used in the production of all commercial products in pharmaceutical, polymer, fine and bulk chemical industries. Growing Chemical industry and rising artificial intelligence in chemical synthesis are key drivers for the growth of Chemical Synthesizer market. According to United Nations Environment Program's (UNEP) "Global Chemicals Outlook II" 2019 report due to global trends such as population dynamics, urbanization, and economic growth the use

of chemical is rapidly increasing, particularly in emerging economies. In 2017, the industry was worth more than USD 5 trillion. And based on the estimation by 2030, it will be USD 10 trillion. . Also, with the increasing demand from end use industries, the adoption & demand for Chemical Synthesizer is likely to increase the market growth during the forecast period. However, impact of covid 19 on end use industries may impeded the growth of the market over the forecast period of 2021-2027.

The key regions considered for the global Chemical Synthesizer market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to the developed chemical industry in the region. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2021-2027. Factors such increasing pharmaceutical industries in the region would create lucrative growth prospects for the Chemical Synthesizer market across Asia-Pacific region.

Major market player included in this report are:

Trasis

CEM Corporation

Activotec

Sineo Microwave Chemistry Tecchnology (Shanghai) Co., Ltd.

MLS GmbH

METTLER TOLEDO

MultiSynTech

Intavis

CSBio

Biotage

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type:

Conventional,

Microwave,

Electro-Thermal,

Universal

By End Use Industries:

Chemical Industry,  
Pharma and Biotech Industry,  
Food and Beverages Industry,  
Academics and Educational Institutes,  
Testing Labs and Health Institutes,  
Others

By Mode:

Single Mode  
Parallel Mode

By Application:

Organic Synthesis  
Inorganic Synthesis  
Teaching Laboratories  
Inorganic Chemistry  
Nanomaterial's Production  
Polymer Synthesis  
Parallel Reaction Processing  
Acid Digestion for Metals Analysis  
Solvent Extraction  
Others

By Region:

North America  
U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific

China  
India  
Japan  
Australia

South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019  
Base year – 2020  
Forecast period – 2021 to 2027

Target Audience of the Global Chemical Synthesizer Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
  - 1.2.1. Chemical Synthesizer Market, by Region, 2019-2027 (USD Billion)
  - 1.2.2. Chemical Synthesizer Market, by Product Type, 2019-2027 (USD Billion)
  - 1.2.3. Chemical Synthesizer Market, by End Use Industries, 2019-2027 (USD Billion)
  - 1.2.4. Chemical Synthesizer Market, by Mode, 2019-2027 (USD Billion)
  - 1.2.5. Chemical Synthesizer Market, by Application, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL CHEMICAL SYNTHESIZER MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL CHEMICAL SYNTHESIZER MARKET DYNAMICS**

- 3.1. Chemical Synthesizer Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Growing Chemical Industry
    - 3.1.1.2. Rising artificial intelligence in chemical synthesis
  - 3.1.2. Market Challenges
    - 3.1.2.1. Covid 19 pandemic may hamper the growth.
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rising Demand from end use industries.

### **CHAPTER 4. GLOBAL CHEMICAL SYNTHESIZER MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

## **CHAPTER 6. GLOBAL CHEMICAL SYNTHESIZER MARKET, BY PRODUCT TYPE**

- 6.1. Market Snapshot
- 6.2. Global Chemical Synthesizer Market by Product Type, Performance - Potential Analysis
- 6.3. Global Chemical Synthesizer Market Estimates & Forecasts by Product Type 2018-2027 (USD Billion)
- 6.4. Chemical Synthesizer Market, Sub Segment Analysis
  - 6.4.1. Conventional
  - 6.4.2. Microwave
  - 6.4.3. Electro-Thermal
  - 6.4.4. Universal

## **CHAPTER 7. GLOBAL CHEMICAL SYNTHESIZER MARKET, BY END USE INDUSTRIES**

- 7.1. Market Snapshot
- 7.2. Global Chemical Synthesizer Market by End Use Industries, Performance -

## Potential Analysis

7.3. Global Chemical Synthesizer Market Estimates & Forecasts by End Use Industries 2018-2027 (USD Billion)

7.4. Chemical Synthesizer Market, Sub Segment Analysis

7.4.1. Chemical Industry

7.4.2. Pharma and Biotech Industry

7.4.3. Food and Beverages Industry

7.4.4. Academics and Educational Institutes

7.4.5. Testing Labs and Health Institutes

7.4.6. Others

## **CHAPTER 8. GLOBAL CHEMICAL SYNTHESIZER MARKET, BY MODE**

8.1. Market Snapshot

8.2. Global Chemical Synthesizer Market by Mode, Performance - Potential Analysis

8.3. Global Chemical Synthesizer Market Estimates & Forecasts by Mode 2018-2027 (USD Billion)

8.4. Chemical Synthesizer Market, Sub Segment Analysis

8.4.1. Single Mode

8.4.2. Parallel Mode

## **CHAPTER 9. GLOBAL CHEMICAL SYNTHESIZER MARKET, BY APPLICATION**

9.1. Market Snapshot

9.2. Global Chemical Synthesizer Market by Application, Performance - Potential Analysis

9.3. Global Chemical Synthesizer Market Estimates & Forecasts by Application 2018-2027 (USD Billion)

9.4. Chemical Synthesizer Market, Sub Segment Analysis

9.4.1. Organic Synthesis

9.4.2. Inorganic Synthesis

9.4.3. Teaching Laboratories

9.4.4. Inorganic Chemistry

9.4.5. Nanomaterial's Production

9.4.6. Polymer Synthesis

9.4.7. Parallel Reaction Processing

9.4.8. Acid Digestion for Metals Analysis

9.4.9. Solvent Extraction

9.4.10. Others

## **CHAPTER 10. GLOBAL CHEMICAL SYNTHESIZER MARKET, REGIONAL ANALYSIS**

- 10.1. Chemical Synthesizer Market, Regional Market Snapshot
- 10.2. North America Chemical Synthesizer Market
  - 10.2.1. U.S. Chemical Synthesizer Market
    - 10.2.1.1. Product Type breakdown estimates & forecasts, 2018-2027
    - 10.2.1.2. End Use Industries breakdown estimates & forecasts, 2018-2027
    - 10.2.1.3. Mode breakdown estimates & forecasts, 2018-2027
    - 10.2.1.4. Application breakdown estimates & forecasts, 2018-2027
  - 10.2.2. Canada Chemical Synthesizer Market
- 10.3. Europe Chemical Synthesizer Market Snapshot
  - 10.3.1. U.K. Chemical Synthesizer Market
  - 10.3.2. Germany Chemical Synthesizer Market
  - 10.3.3. France Chemical Synthesizer Market
  - 10.3.4. Spain Chemical Synthesizer Market
  - 10.3.5. Italy Chemical Synthesizer Market
  - 10.3.6. Rest of Europe Chemical Synthesizer Market
- 10.4. Asia-Pacific Chemical Synthesizer Market Snapshot
  - 10.4.1. China Chemical Synthesizer Market
  - 10.4.2. India Chemical Synthesizer Market
  - 10.4.3. Japan Chemical Synthesizer Market
  - 10.4.4. Australia Chemical Synthesizer Market
  - 10.4.5. South Korea Chemical Synthesizer Market
  - 10.4.6. Rest of Asia Pacific Chemical Synthesizer Market
- 10.5. Latin America Chemical Synthesizer Market Snapshot
  - 10.5.1. Brazil Chemical Synthesizer Market
  - 10.5.2. Mexico Chemical Synthesizer Market
- 10.6. Rest of The World Chemical Synthesizer Market

## **CHAPTER 11. COMPETITIVE INTELLIGENCE**

- 11.1. Top Market Strategies
- 11.2. Company Profiles
  - 11.2.1. Trasis
    - 11.2.1.1. Key Information
    - 11.2.1.2. Overview
    - 11.2.1.3. Financial (Subject to Data Availability)



- 11.2.1.4. Product Summary
- 11.2.1.5. Recent Developments
- 11.2.2. CEM Corporation
- 11.2.3. Activotec
- 11.2.4. Sineo Microwave Chemistry Tecchnology (Shanghai) Co., Ltd.
- 11.2.5. MLS GmbH
- 11.2.6. METTLER TOLEDO
- 11.2.7. MultiSynTech
- 11.2.8. Intavis
- 11.2.9. CSBio
- 11.2.10. Biotage

## **CHAPTER 12. RESEARCH PROCESS**

- 12.1. Research Process
  - 12.1.1. Data Mining
  - 12.1.2. Analysis
  - 12.1.3. Market Estimation
  - 12.1.4. Validation
  - 12.1.5. Publishing
- 12.2. Research Attributes
- 12.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Chemical Synthesizer market, report scope

TABLE 2. Global Chemical Synthesizer market estimates & forecasts by Region  
2018-2027 (USD Billion)

TABLE 3. Global Chemical Synthesizer market estimates & forecasts by Product Type  
2018-2027 (USD Billion)

TABLE 4. Global Chemical Synthesizer market estimates & forecasts by End Use  
Industries 2018-2027 (USD Billion)

TABLE 5. Global Chemical Synthesizer market estimates & forecasts by Mode  
2018-2027 (USD Billion)

TABLE 6. Global Chemical Synthesizer market estimates & forecasts by Application  
2018-2027 (USD Billion)

TABLE 7. Global Chemical Synthesizer market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 8. Global Chemical Synthesizer market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 9. Global Chemical Synthesizer market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 10. Global Chemical Synthesizer market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 11. Global Chemical Synthesizer market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 12. Global Chemical Synthesizer market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 13. Global Chemical Synthesizer market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 14. Global Chemical Synthesizer market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 15. Global Chemical Synthesizer market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 16. Global Chemical Synthesizer market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 17. U.S. Chemical Synthesizer market estimates & forecasts, 2018-2027 (USD  
Billion)

TABLE 18. U.S. Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 19. U.S. Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 20. Canada Chemical Synthesizer market estimates & forecasts, 2018-2027  
(USD Billion)

TABLE 21. Canada Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 22. Canada Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 23. UK Chemical Synthesizer market estimates & forecasts, 2018-2027 (USD  
Billion)

TABLE 24. UK Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 25. UK Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 26. Germany Chemical Synthesizer market estimates & forecasts, 2018-2027  
(USD Billion)

TABLE 27. Germany Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 28. Germany Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 29. RoE Chemical Synthesizer market estimates & forecasts, 2018-2027 (USD  
Billion)

TABLE 30. RoE Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 31. RoE Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 32. China Chemical Synthesizer market estimates & forecasts, 2018-2027 (USD  
Billion)

TABLE 33. China Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 34. China Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 35. India Chemical Synthesizer market estimates & forecasts, 2018-2027 (USD  
Billion)

TABLE 36. India Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 37. India Chemical Synthesizer market estimates & forecasts by segment  
2018-2027 (USD Billion)

TABLE 38. Japan Chemical Synthesizer market estimates & forecasts, 2018-2027

(USD Billion)

TABLE 39. Japan Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 40. Japan Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. RoAPAC Chemical Synthesizer market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 42. RoAPAC Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 43. RoAPAC Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. Brazil Chemical Synthesizer market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 45. Brazil Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 46. Brazil Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. Mexico Chemical Synthesizer market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 48. Mexico Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 49. Mexico Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. RoLA Chemical Synthesizer market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 51. RoLA Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 52. RoLA Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. Row Chemical Synthesizer market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 54. Row Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 55. Row Chemical Synthesizer market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 56. List of secondary sources, used in the study of global Chemical Synthesizer market

TABLE 57. List of primary sources, used in the study of global Chemical Synthesizer market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Chemical Synthesizer market, research methodology
- FIG 2. Global Chemical Synthesizer market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Chemical Synthesizer market, key trends 2020
- FIG 5. Global Chemical Synthesizer market, growth prospects 2021-2027
- FIG 6. Global Chemical Synthesizer market, porters 5 force model
- FIG 7. Global Chemical Synthesizer market, pest analysis
- FIG 8. Global Chemical Synthesizer market, value chain analysis
- FIG 9. Global Chemical Synthesizer market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Chemical Synthesizer market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Chemical Synthesizer market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Chemical Synthesizer market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Chemical Synthesizer market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Chemical Synthesizer market, regional snapshot 2018 & 2027
- FIG 15. North America Chemical Synthesizer market 2018 & 2027 (USD Billion)
- FIG 16. Europe Chemical Synthesizer market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Chemical Synthesizer market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Chemical Synthesizer market 2018 & 2027 (USD Billion)
- FIG 19. Global Chemical Synthesizer market, company market share analysis (2020)

## I would like to order

Product name: Global Chemical Synthesizer Market Size study, by Product Type (Conventional, Microwave, Electro-Thermal, Universal) by end use industries (Chemical Industry, Pharma and Biotech Industry, Food and Beverages Industry, Academics and Educational Institutes, Testing Labs and Health Institutes, Others) by Mode (Single Mode, Parallel Mode) by Application (Organic Synthesis, Inorganic Synthesis, Teaching Laboratories, Inorganic Chemistry, Nanomaterial's Production, Polymer Synthesis, Parallel Reaction, Processing, Acid Digestion for Metals Analysis, Solvent Extraction, Others) and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/G1BCA8FB54BDEN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1BCA8FB54BDEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970