

# Global Peptide Synthesizers Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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# **Abstracts**

Peptide Synthesizers: Laboratory automated peptide synthesizers typically belong to one of two categories: small scale, high throughput parallel and larger scale batch synthesizers. Most small scale, high throughput parallel peptide synthesizers can utilize at most one to two hundred milligrams of resin in each reactor, but can process tens to hundreds of reactors simultaneously. Many of these peptide synthesizers utilize X-Y robotics equipped with syringe pumps to precisely deliver amino acid and reagent solutions to individual reactors.

Batch peptide synthesizers utilize larger scale reactors, even up to 500 ml to 1000 ml, capable of handling up to a hundred grams of resin in one reactor. These synthesizers typically utilize a series of valves and manifolds to deliver amino acids, reagents and wash solvents to each reactor. Simple peptide instruments may have only one or two reactors, but more complex peptide instruments may have 6, 12, or even 24 reactors. Many of these synthesizers rely on calibrated flow rates to deliver the appropriate volume of amino acid or reagent solution to the reaction vessel. Some peptide machines, such as AAPPTec's Focus peptide synthesizers, utilize measuring vessels to accurately measure out the solution being delivered.

According to our (Global Info Research) latest study, the global Peptide Synthesizers market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Peptide Synthesizers market. Both quantitative and qualitative analyses are presented by manufacturers, by



region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

### Key Features:

Global Peptide Synthesizers market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Peptide Synthesizers market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Peptide Synthesizers market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Peptide Synthesizers market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Peptide Synthesizers

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Peptide Synthesizers market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Bachem Holding, Thermo Fisher Scientific, Merck KGaA, GenScript Biotech and Kaneka, etc.

This report also provides key insights about market drivers, restraints, opportunities,



new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Peptide Synthesizers market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Solid-Phase Peptide Synthesis

Solution-Phase Peptide Synthesis

Hybrid & Recombinant Technology

Market segment by Application

Pharmaceutical & Biotechnology companies

CDMOs & CROs

Academic & Research Institutes

Major players covered

Bachem Holding

Thermo Fisher Scientific

Merck KGaA

GenScript Biotech

Kaneka



Biotage AB

Syngene International

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Peptide Synthesizers product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Peptide Synthesizers, with price, sales, revenue and global market share of Peptide Synthesizers from 2018 to 2023.

Chapter 3, the Peptide Synthesizers competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Peptide Synthesizers breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017



to 2022.and Peptide Synthesizers market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Peptide Synthesizers.

Chapter 14 and 15, to describe Peptide Synthesizers sales channel, distributors, customers, research findings and conclusion.



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