

Pharmaceutical Continuous Manufacturing Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global pharmaceutical continuous manufacturing market size reached US\$ 1.2 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.3 Billion by 2028, exhibiting a growth rate (CAGR) of 11.6% during 2023-2028.

Pharmaceutical continuous manufacturing refers to an end-to-end medication production approach that enhances the quality and consistency of various novel drugs and vaccines with minimal capital investments. As compared to batch processing, it operates in a continuous flow, is easier to scale, offers greater control to manufacturers and a higher level of automation, and eliminates physical intervention. Apart from this, pharmaceutical continuous manufacturing aids in minimizing the medicine formulation duration, risk of human errors, monitoring the production procedures, and improving the product quality to harmonize with the regulatory guidelines. Consequently, the technique is extensively utilized by pharmaceutical companies and contract manufacturing organizations (CMOs) to develop active pharmaceutical ingredients (API) and medicines. At present, it is available in integrated, semi-continuous, and control types.

Pharmaceutical Continuous Manufacturing Market Trends:

One of the primary factors currently driving the market is the increasing demand for effective medicine production systems for composing various effective biologics at a lower cost. This can be further attributed to the rising drug shortages and the growing prevalence of several chronic ailments across the globe. Additionally, the rising health

concerns, especially during the coronavirus disease (COVID-19) pandemic outbreak, have prompted pharmaceutical companies to use continuous manufacturing techniques to compose novel vaccines, which is acting as another growth-inducing factor. In line with this, significant technological advancements, such as rapid automation in the pharmaceutical manufacturing methodology and the large-scale integration of artificial intelligence (AI) solutions, are contributing to the market growth. Other factors, such as significant improvements in the pharmaceutical sector, ongoing research and development (R&D) activities, and the escalating awareness about the availability of food and drug administration (FDA) approved medicines, are creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on therapeutics type, formulation, application and end user.

Breakup by Therapeutics Type:

Large Molecules

Small Molecules

Breakup by Formulation:

Solid Formulation

Liquid and Semi-solid Formulation

Breakup by Application:

Final Drug Product Manufacturing

API Manufacturing

Breakup by End User:

Pharmaceutical Companies

Contract Manufacturing Organizations

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Baker Perkins, Coperion GmbH (Hillenbrand Inc.), Eli Lilly and Company, GEA Group Aktiengesellschaft, Glatt GmbH, Korsch AG, Novartis AG, Siemens, SK biotek, Thermo Fisher Scientific Inc. and Viatris Inc.

Key Questions Answered in This Report

1. How big is the global pharmaceutical continuous manufacturing market?
2. What is the expected growth rate of the global pharmaceutical continuous manufacturing market during 2023-2028?
3. What are the key factors driving the global pharmaceutical continuous manufacturing market?
4. What has been the impact of COVID-19 on the global pharmaceutical continuous manufacturing market?
5. What is the breakup of the global pharmaceutical continuous manufacturing market based on the therapeutics type?

6. What is the breakup of the global pharmaceutical continuous manufacturing market based on formulation?
7. What is the breakup of the global pharmaceutical continuous manufacturing market based on the application?
8. What is the breakup of the global pharmaceutical continuous manufacturing market based on the end user?
9. What are the key regions in the global pharmaceutical continuous manufacturing market?
10. Who are the key players/companies in the global pharmaceutical continuous manufacturing market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL PHARMACEUTICAL CONTINUOUS MANUFACTURING MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY THERAPEUTICS TYPE

- 6.1 Large Molecules
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Small Molecules
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY FORMULATION

- 7.1 Solid Formulation
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Liquid and Semi-solid Formulation
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Final Drug Product Manufacturing
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 API Manufacturing
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast

9 MARKET BREAKUP BY END USER

- 9.1 Pharmaceutical Companies
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Contract Manufacturing Organizations
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Others
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast

10 MARKET BREAKUP BY REGION

- 10.1 North America
 - 10.1.1 United States
 - 10.1.1.1 Market Trends
 - 10.1.1.2 Market Forecast
 - 10.1.2 Canada
 - 10.1.2.1 Market Trends
 - 10.1.2.2 Market Forecast

10.2 Asia-Pacific

10.2.1 China

10.2.1.1 Market Trends

10.2.1.2 Market Forecast

10.2.2 Japan

10.2.2.1 Market Trends

10.2.2.2 Market Forecast

10.2.3 India

10.2.3.1 Market Trends

10.2.3.2 Market Forecast

10.2.4 South Korea

10.2.4.1 Market Trends

10.2.4.2 Market Forecast

10.2.5 Australia

10.2.5.1 Market Trends

10.2.5.2 Market Forecast

10.2.6 Indonesia

10.2.6.1 Market Trends

10.2.6.2 Market Forecast

10.2.7 Others

10.2.7.1 Market Trends

10.2.7.2 Market Forecast

10.3 Europe

10.3.1 Germany

10.3.1.1 Market Trends

10.3.1.2 Market Forecast

10.3.2 France

10.3.2.1 Market Trends

10.3.2.2 Market Forecast

10.3.3 United Kingdom

10.3.3.1 Market Trends

10.3.3.2 Market Forecast

10.3.4 Italy

10.3.4.1 Market Trends

10.3.4.2 Market Forecast

10.3.5 Spain

10.3.5.1 Market Trends

10.3.5.2 Market Forecast

10.3.6 Russia

- 10.3.6.1 Market Trends
- 10.3.6.2 Market Forecast
- 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico
 - 10.4.2.1 Market Trends
 - 10.4.2.2 Market Forecast
 - 10.4.3 Others
 - 10.4.3.1 Market Trends
 - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
 - 10.5.1 Market Trends
 - 10.5.2 Market Breakup by Country
 - 10.5.3 Market Forecast

11 SWOT ANALYSIS

- 11.1 Overview
- 11.2 Strengths
- 11.3 Weaknesses
- 11.4 Opportunities
- 11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

- 13.1 Overview
- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

15.1 Market Structure

15.2 Key Players

15.3 Profiles of Key Players

15.3.1 Baker Perkins

15.3.1.1 Company Overview

15.3.1.2 Product Portfolio

15.3.2 Coperion GmbH (Hillenbrand Inc.)

15.3.2.1 Company Overview

15.3.2.2 Product Portfolio

15.3.3 Eli Lilly and Company

15.3.3.1 Company Overview

15.3.3.2 Product Portfolio

15.3.3.3 Financials

15.3.3.4 SWOT Analysis

15.3.4 GEA Group Aktiengesellschaft

15.3.4.1 Company Overview

15.3.4.2 Product Portfolio

15.3.4.3 Financials

15.3.4.4 SWOT Analysis

15.3.5 Glatt GmbH

15.3.5.1 Company Overview

15.3.5.2 Product Portfolio

15.3.6 Korsch AG

15.3.6.1 Company Overview

15.3.6.2 Product Portfolio

15.3.7 Novartis AG

15.3.7.1 Company Overview

15.3.7.2 Product Portfolio

15.3.7.3 Financials

15.3.7.4 SWOT Analysis

15.3.8 Siemens

15.3.8.1 Company Overview

15.3.8.2 Product Portfolio

15.3.8.3 Financials

15.3.8.4 SWOT Analysis

15.3.9 SK biotek

15.3.9.1 Company Overview

15.3.9.2 Product Portfolio

15.3.10 Thermo Fisher Scientific Inc.

15.3.10.1 Company Overview

15.3.10.2 Product Portfolio

15.3.10.3 Financials

15.3.10.4 SWOT Analysis

15.3.11 Viatris Inc.

15.3.11.1 Company Overview

15.3.11.2 Product Portfolio

15.3.11.3 Financials

List Of Tables

LIST OF TABLES

Table 1: Global: Pharmaceutical Continuous Manufacturing Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Pharmaceutical Continuous Manufacturing Market Forecast: Breakup by Therapeutics Type (in Million US\$), 2023-2028

Table 3: Global: Pharmaceutical Continuous Manufacturing Market Forecast: Breakup by Formulation (in Million US\$), 2023-2028

Table 4: Global: Pharmaceutical Continuous Manufacturing Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 5: Global: Pharmaceutical Continuous Manufacturing Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 6: Global: Pharmaceutical Continuous Manufacturing Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 7: Global: Pharmaceutical Continuous Manufacturing Market: Competitive Structure

Table 8: Global: Pharmaceutical Continuous Manufacturing Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Pharmaceutical Continuous Manufacturing Market: Major Drivers and Challenges
- Figure 2: Global: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Billion US\$), 2017-2022
- Figure 3: Global: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Billion US\$), 2023-2028
- Figure 4: Global: Pharmaceutical Continuous Manufacturing Market: Breakup by Therapeutics Type (in %), 2022
- Figure 5: Global: Pharmaceutical Continuous Manufacturing Market: Breakup by Formulation (in %), 2022
- Figure 6: Global: Pharmaceutical Continuous Manufacturing Market: Breakup by Application (in %), 2022
- Figure 7: Global: Pharmaceutical Continuous Manufacturing Market: Breakup by End User (in %), 2022
- Figure 8: Global: Pharmaceutical Continuous Manufacturing Market: Breakup by Region (in %), 2022
- Figure 9: Global: Pharmaceutical Continuous Manufacturing (Large Molecules) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 10: Global: Pharmaceutical Continuous Manufacturing (Large Molecules) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 11: Global: Pharmaceutical Continuous Manufacturing (Small Molecules) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 12: Global: Pharmaceutical Continuous Manufacturing (Small Molecules) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 13: Global: Pharmaceutical Continuous Manufacturing (Solid Formulation) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 14: Global: Pharmaceutical Continuous Manufacturing (Solid Formulation) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 15: Global: Pharmaceutical Continuous Manufacturing (Liquid and Semi-solid Formulation) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 16: Global: Pharmaceutical Continuous Manufacturing (Liquid and Semi-solid Formulation) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 17: Global: Pharmaceutical Continuous Manufacturing (Final Drug Product Manufacturing) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 18: Global: Pharmaceutical Continuous Manufacturing (Final Drug Product

Manufacturing) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Pharmaceutical Continuous Manufacturing (API Manufacturing) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Pharmaceutical Continuous Manufacturing (API Manufacturing) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Pharmaceutical Continuous Manufacturing (Pharmaceutical Companies) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Pharmaceutical Continuous Manufacturing (Pharmaceutical Companies) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Pharmaceutical Continuous Manufacturing (Contract Manufacturing Organizations) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Pharmaceutical Continuous Manufacturing (Contract Manufacturing Organizations) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: Pharmaceutical Continuous Manufacturing (Others) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: Pharmaceutical Continuous Manufacturing (Others) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: North America: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: North America: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: United States: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: United States: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Canada: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Canada: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Asia-Pacific: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Asia-Pacific: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: China: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: China: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Japan: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Japan: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: India: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: India: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: South Korea: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: South Korea: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: Australia: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: Australia: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Indonesia: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Indonesia: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Others: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Others: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Europe: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Europe: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Germany: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Germany: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: France: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: France: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: United Kingdom: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: United Kingdom: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Italy: Pharmaceutical Continuous Manufacturing Market: Sales Value (in

Million US\$), 2017 & 2022

Figure 58: Italy: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Spain: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: Spain: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Russia: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Russia: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Others: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Others: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Latin America: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: Latin America: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: Brazil: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: Brazil: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 69: Mexico: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 70: Mexico: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 71: Others: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 72: Others: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 73: Middle East and Africa: Pharmaceutical Continuous Manufacturing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 74: Middle East and Africa: Pharmaceutical Continuous Manufacturing Market: Breakup by Country (in %), 2022

Figure 75: Middle East and Africa: Pharmaceutical Continuous Manufacturing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Global: Pharmaceutical Continuous Manufacturing Industry: SWOT Analysis

Figure 77: Global: Pharmaceutical Continuous Manufacturing Industry: Value Chain

Analysis

Figure 78: Global: Pharmaceutical Continuous Manufacturing Industry: Porter's Five Forces Analysis

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