

Global Microplate Reading & Imaging Systems Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Microplate Reading & Imaging Systems market size is expected to reach \$ 2233 million by 2032, rising at a market growth of 6.9% CAGR during the forecast period (2026-2032).

In 2025, global Microplate Reading & Imaging Systems production reached approximately 34 K units, with an average global market price of around US\$ 40,000 per unit. Annual production capacity is 50 K units. Gross Profit Margin: 26%. Microplate Reading & Imaging Systems are laboratory analytical instruments designed to detect, measure, and visualize biological, chemical, and biochemical reactions occurring within microplates (typically 6-, 24-, 96-, 384-, or 1536-well plates). Upstream includes optical components, cameras, detectors, semiconductors, lasers, LEDs, and software modules. Midstream consists of manufacturers of microplate readers, imaging systems, and high-content screening platforms. Downstream includes pharmaceutical and biotechnology companies, CROs, research institutes, hospitals, and diagnostic laboratories using these systems for drug discovery, cell analysis, and life science research.

This report studies the global Microplate Reading & Imaging Systems production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Microplate Reading & Imaging Systems and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Microplate Reading & Imaging Systems that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Microplate Reading & Imaging Systems total production and demand, 2021-2032, (K Units)

Global Microplate Reading & Imaging Systems total production value, 2021-2032, (USD Million)

Global Microplate Reading & Imaging Systems production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Microplate Reading & Imaging Systems consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Microplate Reading & Imaging Systems domestic production, consumption, key domestic manufacturers and share

Global Microplate Reading & Imaging Systems production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Microplate Reading & Imaging Systems production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Microplate Reading & Imaging Systems production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Microplate Reading & Imaging Systems 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 Revvity, Thermo Fisher Scientific, Agilent Technologies, Danaher, BMG LABTECH, Tecan Group, Sartorius, Yokogawa Electric, Olympus, Shimadzu Corporation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Microplate Reading & Imaging Systems market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Microplate Reading & Imaging Systems Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Microplate Reading & Imaging Systems Market, Segmentation by Type:

Multimode Microplate Readers

Absorbance Microplate Readers

Fluorescence Microplate Readers

Luminescence Microplate Readers

Global Microplate Reading & Imaging Systems Market, Segmentation by Detection Technology:

Absorbance Detection

Fluorescence Detection

Luminescence Detection

Time-Resolved Fluorescence (TRF)

Fluorescence Polarization (FP)

FRET/BRET Detection

AlphaScreen Detection

Chemiluminescence Detection

Global Microplate Reading & Imaging Systems Market, Segmentation by Plate Format:

6-Well Systems

24-Well Systems

96-Well Systems

384-Well Systems

1536-Well Systems

Multi-Format Compatible Systems

Global Microplate Reading & Imaging Systems Market, Segmentation by Application:

Pharmaceutical

Academic & Research Institutes

Clinical Diagnostic Laboratories

Hospitals

Companies Profiled:

Revvity

Thermo Fisher Scientific

Agilent Technologies

Danaher

BMG LABTECH

Tecan Group

Sartorius

Yokogawa Electric

Olympus

Shimadzu Corporation

Promega Corporation

Berthold Technologies

Corning

Allsheng

SpectraMax

BeaverBio

Key Questions Answered:

1. How big is the global Microplate Reading & Imaging Systems market?
2. What is the demand of the global Microplate Reading & Imaging Systems market?
3. What is the year over year growth of the global Microplate Reading & Imaging Systems market?
4. What is the production and production value of the global Microplate Reading &

Imaging Systems market?

5. Who are the key producers in the global Microplate Reading & Imaging Systems market?

6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

1.1 Microplate Reading & Imaging Systems Introduction

1.2 World Microplate Reading & Imaging Systems Supply & Forecast

1.2.1 World Microplate Reading & Imaging Systems Production Value (2021 & 2025 & 2032)

1.2.2 World Microplate Reading & Imaging Systems Production (2021-2032)

1.2.3 World Microplate Reading & Imaging Systems Pricing Trends (2021-2032)

1.3 World Microplate Reading & Imaging Systems Production by Region (Based on Production Site)

1.3.1 World Microplate Reading & Imaging Systems Production Value by Region (2021-2032)

1.3.2 World Microplate Reading & Imaging Systems Production by Region (2021-2032)

1.3.3 World Microplate Reading & Imaging Systems Average Price by Region (2021-2032)

1.3.4 North America Microplate Reading & Imaging Systems Production (2021-2032)

1.3.5 Europe Microplate Reading & Imaging Systems Production (2021-2032)

1.3.6 China Microplate Reading & Imaging Systems Production (2021-2032)

1.3.7 Japan Microplate Reading & Imaging Systems Production (2021-2032)

1.4 Market Drivers, Restraints and Trends

1.4.1 Microplate Reading & Imaging Systems Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Microplate Reading & Imaging Systems Major Market Trends

2 DEMAND SUMMARY

2.1 World Microplate Reading & Imaging Systems Demand (2021-2032)

2.2 World Microplate Reading & Imaging Systems Consumption by Region

2.2.1 World Microplate Reading & Imaging Systems Consumption by Region (2021-2026)

2.2.2 World Microplate Reading & Imaging Systems Consumption Forecast by Region (2027-2032)

2.3 United States Microplate Reading & Imaging Systems Consumption (2021-2032)

2.4 China Microplate Reading & Imaging Systems Consumption (2021-2032)

2.5 Europe Microplate Reading & Imaging Systems Consumption (2021-2032)

2.6 Japan Microplate Reading & Imaging Systems Consumption (2021-2032)

- 2.7 South Korea Microplate Reading & Imaging Systems Consumption (2021-2032)
- 2.8 ASEAN Microplate Reading & Imaging Systems Consumption (2021-2032)
- 2.9 India Microplate Reading & Imaging Systems Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Microplate Reading & Imaging Systems Production Value by Manufacturer (2021-2026)
- 3.2 World Microplate Reading & Imaging Systems Production by Manufacturer (2021-2026)
- 3.3 World Microplate Reading & Imaging Systems Average Price by Manufacturer (2021-2026)
- 3.4 Microplate Reading & Imaging Systems Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Microplate Reading & Imaging Systems Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Microplate Reading & Imaging Systems in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Microplate Reading & Imaging Systems in 2025
- 3.6 Microplate Reading & Imaging Systems Market: Overall Company Footprint Analysis
 - 3.6.1 Microplate Reading & Imaging Systems Market: Region Footprint
 - 3.6.2 Microplate Reading & Imaging Systems Market: Company Product Type Footprint
 - 3.6.3 Microplate Reading & Imaging Systems Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Microplate Reading & Imaging Systems Production Value Comparison
 - 4.1.1 United States VS China: Microplate Reading & Imaging Systems Production

Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Microplate Reading & Imaging Systems Production

Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Microplate Reading & Imaging Systems Production Comparison

4.2.1 United States VS China: Microplate Reading & Imaging Systems Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Microplate Reading & Imaging Systems Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Microplate Reading & Imaging Systems Consumption Comparison

4.3.1 United States VS China: Microplate Reading & Imaging Systems Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Microplate Reading & Imaging Systems Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Microplate Reading & Imaging Systems Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Microplate Reading & Imaging Systems Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Microplate Reading & Imaging Systems Production Value (2021-2026)

4.4.3 United States Based Manufacturers Microplate Reading & Imaging Systems Production (2021-2026)

4.5 China Based Microplate Reading & Imaging Systems Manufacturers and Market Share

4.5.1 China Based Microplate Reading & Imaging Systems Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Microplate Reading & Imaging Systems Production Value (2021-2026)

4.5.3 China Based Manufacturers Microplate Reading & Imaging Systems Production (2021-2026)

4.6 Rest of World Based Microplate Reading & Imaging Systems Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Microplate Reading & Imaging Systems Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Microplate Reading & Imaging Systems Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Microplate Reading & Imaging Systems Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Microplate Reading & Imaging Systems Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Multimode Microplate Readers

5.2.2 Absorbance Microplate Readers

5.2.3 Fluorescence Microplate Readers

5.2.4 Luminescence Microplate Readers

5.3 Market Segment by Type

5.3.1 World Microplate Reading & Imaging Systems Production by Type (2021-2032)

5.3.2 World Microplate Reading & Imaging Systems Production Value by Type (2021-2032)

5.3.3 World Microplate Reading & Imaging Systems Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY DETECTION TECHNOLOGY

6.1 World Microplate Reading & Imaging Systems Market Size Overview by Detection Technology: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Detection Technology

6.2.1 Absorbance Detection

6.2.2 Fluorescence Detection

6.2.3 Luminescence Detection

6.2.4 Time-Resolved Fluorescence (TRF)

6.2.5 Fluorescence Polarization (FP)

6.2.6 FRET/BRET Detection

6.2.7 AlphaScreen Detection

6.2.8 Chemiluminescence Detection

6.3 Market Segment by Detection Technology

6.3.1 World Microplate Reading & Imaging Systems Production by Detection Technology (2021-2032)

6.3.2 World Microplate Reading & Imaging Systems Production Value by Detection Technology (2021-2032)

6.3.3 World Microplate Reading & Imaging Systems Average Price by Detection Technology (2021-2032)

7 MARKET ANALYSIS BY PLATE FORMAT

7.1 World Microplate Reading & Imaging Systems Market Size Overview by Plate Format: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Plate Format

7.2.1 6-Well Systems

7.2.2 24-Well Systems

7.2.3 96-Well Systems

7.2.4 384-Well Systems

7.2.5 1536-Well Systems

7.2.6 Multi-Format Compatible Systems

7.3 Market Segment by Plate Format

7.3.1 World Microplate Reading & Imaging Systems Production by Plate Format (2021-2032)

7.3.2 World Microplate Reading & Imaging Systems Production Value by Plate Format (2021-2032)

7.3.3 World Microplate Reading & Imaging Systems Average Price by Plate Format (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Microplate Reading & Imaging Systems Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Pharmaceutical

8.2.2 Academic & Research Institutes

8.2.3 Clinical Diagnostic Laboratories

8.2.4 Hospitals

8.3 Market Segment by Application

8.3.1 World Microplate Reading & Imaging Systems Production by Application (2021-2032)

8.3.2 World Microplate Reading & Imaging Systems Production Value by Application (2021-2032)

8.3.3 World Microplate Reading & Imaging Systems Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Revvity

9.1.1 Revvity Details

- 9.1.2 Revvity Major Business
- 9.1.3 Revvity Microplate Reading & Imaging Systems Product and Services
- 9.1.4 Revvity Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.1.5 Revvity Recent Developments/Updates
- 9.1.6 Revvity Competitive Strengths & Weaknesses
- 9.2 Thermo Fisher Scientific
 - 9.2.1 Thermo Fisher Scientific Details
 - 9.2.2 Thermo Fisher Scientific Major Business
 - 9.2.3 Thermo Fisher Scientific Microplate Reading & Imaging Systems Product and Services
 - 9.2.4 Thermo Fisher Scientific Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.2.5 Thermo Fisher Scientific Recent Developments/Updates
 - 9.2.6 Thermo Fisher Scientific Competitive Strengths & Weaknesses
- 9.3 Agilent Technologies
 - 9.3.1 Agilent Technologies Details
 - 9.3.2 Agilent Technologies Major Business
 - 9.3.3 Agilent Technologies Microplate Reading & Imaging Systems Product and Services
 - 9.3.4 Agilent Technologies Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 Agilent Technologies Recent Developments/Updates
 - 9.3.6 Agilent Technologies Competitive Strengths & Weaknesses
- 9.4 Danaher
 - 9.4.1 Danaher Details
 - 9.4.2 Danaher Major Business
 - 9.4.3 Danaher Microplate Reading & Imaging Systems Product and Services
 - 9.4.4 Danaher Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Danaher Recent Developments/Updates
 - 9.4.6 Danaher Competitive Strengths & Weaknesses
- 9.5 BMG LABTECH
 - 9.5.1 BMG LABTECH Details
 - 9.5.2 BMG LABTECH Major Business
 - 9.5.3 BMG LABTECH Microplate Reading & Imaging Systems Product and Services
 - 9.5.4 BMG LABTECH Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 BMG LABTECH Recent Developments/Updates

9.5.6 BMG LABTECH Competitive Strengths & Weaknesses

9.6 Tecan Group

9.6.1 Tecan Group Details

9.6.2 Tecan Group Major Business

9.6.3 Tecan Group Microplate Reading & Imaging Systems Product and Services

9.6.4 Tecan Group Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Tecan Group Recent Developments/Updates

9.6.6 Tecan Group Competitive Strengths & Weaknesses

9.7 Sartorius

9.7.1 Sartorius Details

9.7.2 Sartorius Major Business

9.7.3 Sartorius Microplate Reading & Imaging Systems Product and Services

9.7.4 Sartorius Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Sartorius Recent Developments/Updates

9.7.6 Sartorius Competitive Strengths & Weaknesses

9.8 Yokogawa Electric

9.8.1 Yokogawa Electric Details

9.8.2 Yokogawa Electric Major Business

9.8.3 Yokogawa Electric Microplate Reading & Imaging Systems Product and Services

9.8.4 Yokogawa Electric Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Yokogawa Electric Recent Developments/Updates

9.8.6 Yokogawa Electric Competitive Strengths & Weaknesses

9.9 Olympus

9.9.1 Olympus Details

9.9.2 Olympus Major Business

9.9.3 Olympus Microplate Reading & Imaging Systems Product and Services

9.9.4 Olympus Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Olympus Recent Developments/Updates

9.9.6 Olympus Competitive Strengths & Weaknesses

9.10 Shimadzu Corporation

9.10.1 Shimadzu Corporation Details

9.10.2 Shimadzu Corporation Major Business

9.10.3 Shimadzu Corporation Microplate Reading & Imaging Systems Product and Services

9.10.4 Shimadzu Corporation Microplate Reading & Imaging Systems Production,

Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Shimadzu Corporation Recent Developments/Updates

9.10.6 Shimadzu Corporation Competitive Strengths & Weaknesses

9.11 Promega Corporation

9.11.1 Promega Corporation Details

9.11.2 Promega Corporation Major Business

9.11.3 Promega Corporation Microplate Reading & Imaging Systems Product and Services

9.11.4 Promega Corporation Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Promega Corporation Recent Developments/Updates

9.11.6 Promega Corporation Competitive Strengths & Weaknesses

9.12 Berthold Technologies

9.12.1 Berthold Technologies Details

9.12.2 Berthold Technologies Major Business

9.12.3 Berthold Technologies Microplate Reading & Imaging Systems Product and Services

9.12.4 Berthold Technologies Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Berthold Technologies Recent Developments/Updates

9.12.6 Berthold Technologies Competitive Strengths & Weaknesses

9.13 Corning

9.13.1 Corning Details

9.13.2 Corning Major Business

9.13.3 Corning Microplate Reading & Imaging Systems Product and Services

9.13.4 Corning Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.13.5 Corning Recent Developments/Updates

9.13.6 Corning Competitive Strengths & Weaknesses

9.14 Allsheng

9.14.1 Allsheng Details

9.14.2 Allsheng Major Business

9.14.3 Allsheng Microplate Reading & Imaging Systems Product and Services

9.14.4 Allsheng Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 Allsheng Recent Developments/Updates

9.14.6 Allsheng Competitive Strengths & Weaknesses

9.15 SpectraMax

9.15.1 SpectraMax Details

- 9.15.2 SpectraMax Major Business
- 9.15.3 SpectraMax Microplate Reading & Imaging Systems Product and Services
- 9.15.4 SpectraMax Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.15.5 SpectraMax Recent Developments/Updates
- 9.15.6 SpectraMax Competitive Strengths & Weaknesses
- 9.16 BeaverBio
 - 9.16.1 BeaverBio Details
 - 9.16.2 BeaverBio Major Business
 - 9.16.3 BeaverBio Microplate Reading & Imaging Systems Product and Services
 - 9.16.4 BeaverBio Microplate Reading & Imaging Systems Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 BeaverBio Recent Developments/Updates
 - 9.16.6 BeaverBio Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Microplate Reading & Imaging Systems Industry Chain
- 10.2 Microplate Reading & Imaging Systems Upstream Analysis
 - 10.2.1 Microplate Reading & Imaging Systems Core Raw Materials
 - 10.2.2 Main Manufacturers of Microplate Reading & Imaging Systems Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Microplate Reading & Imaging Systems Production Mode
- 10.6 Microplate Reading & Imaging Systems Procurement Model
- 10.7 Microplate Reading & Imaging Systems Industry Sales Model and Sales Channels
 - 10.7.1 Microplate Reading & Imaging Systems Sales Model
 - 10.7.2 Microplate Reading & Imaging Systems Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Microplate Reading & Imaging Systems Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Microplate Reading & Imaging Systems Production Value by Region (2021-2026) & (USD Million)

Table 3. World Microplate Reading & Imaging Systems Production Value by Region (2027-2032) & (USD Million)

Table 4. World Microplate Reading & Imaging Systems Production Value Market Share by Region (2021-2026)

Table 5. World Microplate Reading & Imaging Systems Production Value Market Share by Region (2027-2032)

Table 6. World Microplate Reading & Imaging Systems Production by Region (2021-2026) & (K Units)

Table 7. World Microplate Reading & Imaging Systems Production by Region (2027-2032) & (K Units)

Table 8. World Microplate Reading & Imaging Systems Production Market Share by Region (2021-2026)

Table 9. World Microplate Reading & Imaging Systems Production Market Share by Region (2027-2032)

Table 10. World Microplate Reading & Imaging Systems Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Microplate Reading & Imaging Systems Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Microplate Reading & Imaging Systems Major Market Trends

Table 13. World Microplate Reading & Imaging Systems Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Microplate Reading & Imaging Systems Consumption by Region (2021-2026) & (K Units)

Table 15. World Microplate Reading & Imaging Systems Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Microplate Reading & Imaging Systems Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Microplate Reading & Imaging Systems Producers in 2025

Table 18. World Microplate Reading & Imaging Systems Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Microplate Reading & Imaging Systems Producers in 2025

Table 20. World Microplate Reading & Imaging Systems Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Microplate Reading & Imaging Systems Company Evaluation Quadrant

Table 22. World Microplate Reading & Imaging Systems Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Microplate Reading & Imaging Systems Production Site of Key Manufacturer

Table 24. Microplate Reading & Imaging Systems Market: Company Product Type Footprint

Table 25. Microplate Reading & Imaging Systems Market: Company Product Application Footprint

Table 26. Microplate Reading & Imaging Systems Competitive Factors

Table 27. Microplate Reading & Imaging Systems New Entrant and Capacity Expansion Plans

Table 28. Microplate Reading & Imaging Systems Mergers & Acquisitions Activity

Table 29. United States VS China Microplate Reading & Imaging Systems Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Microplate Reading & Imaging Systems Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Microplate Reading & Imaging Systems Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Microplate Reading & Imaging Systems Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Microplate Reading & Imaging Systems Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Microplate Reading & Imaging Systems Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Microplate Reading & Imaging Systems Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Microplate Reading & Imaging Systems Production Market Share (2021-2026)

Table 37. China Based Microplate Reading & Imaging Systems Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Microplate Reading & Imaging Systems Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Microplate Reading & Imaging Systems

Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Microplate Reading & Imaging Systems Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Microplate Reading & Imaging Systems Production Market Share (2021-2026)

Table 42. Rest of World Based Microplate Reading & Imaging Systems Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Microplate Reading & Imaging Systems Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Microplate Reading & Imaging Systems Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Microplate Reading & Imaging Systems Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Microplate Reading & Imaging Systems Production Market Share (2021-2026)

Table 47. World Microplate Reading & Imaging Systems Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Microplate Reading & Imaging Systems Production by Type (2021-2026) & (K Units)

Table 49. World Microplate Reading & Imaging Systems Production by Type (2027-2032) & (K Units)

Table 50. World Microplate Reading & Imaging Systems Production Value by Type (2021-2026) & (USD Million)

Table 51. World Microplate Reading & Imaging Systems Production Value by Type (2027-2032) & (USD Million)

Table 52. World Microplate Reading & Imaging Systems Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Microplate Reading & Imaging Systems Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Microplate Reading & Imaging Systems Production Value by Detection Technology, (USD Million), 2021 & 2025 & 2032

Table 55. World Microplate Reading & Imaging Systems Production by Detection Technology (2021-2026) & (K Units)

Table 56. World Microplate Reading & Imaging Systems Production by Detection Technology (2027-2032) & (K Units)

Table 57. World Microplate Reading & Imaging Systems Production Value by Detection Technology (2021-2026) & (USD Million)

Table 58. World Microplate Reading & Imaging Systems Production Value by Detection Technology (2027-2032) & (USD Million)

Table 59. World Microplate Reading & Imaging Systems Average Price by Detection Technology (2021-2026) & (US\$/Unit)

Table 60. World Microplate Reading & Imaging Systems Average Price by Detection Technology (2027-2032) & (US\$/Unit)

Table 61. World Microplate Reading & Imaging Systems Production Value by Plate Format, (USD Million), 2021 & 2025 & 2032

Table 62. World Microplate Reading & Imaging Systems Production by Plate Format (2021-2026) & (K Units)

Table 63. World Microplate Reading & Imaging Systems Production by Plate Format (2027-2032) & (K Units)

Table 64. World Microplate Reading & Imaging Systems Production Value by Plate Format (2021-2026) & (USD Million)

Table 65. World Microplate Reading & Imaging Systems Production Value by Plate Format (2027-2032) & (USD Million)

Table 66. World Microplate Reading & Imaging Systems Average Price by Plate Format (2021-2026) & (US\$/Unit)

Table 67. World Microplate Reading & Imaging Systems Average Price by Plate Format (2027-2032) & (US\$/Unit)

Table 68. World Microplate Reading & Imaging Systems Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Microplate Reading & Imaging Systems Production by Application (2021-2026) & (K Units)

Table 70. World Microplate Reading & Imaging Systems Production by Application (2027-2032) & (K Units)

Table 71. World Microplate Reading & Imaging Systems Production Value by Application (2021-2026) & (USD Million)

Table 72. World Microplate Reading & Imaging Systems Production Value by Application (2027-2032) & (USD Million)

Table 73. World Microplate Reading & Imaging Systems Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Microplate Reading & Imaging Systems Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Revvity Basic Information, Manufacturing Base and Competitors

Table 76. Revvity Major Business

Table 77. Revvity Microplate Reading & Imaging Systems Product and Services

Table 78. Revvity Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Revvity Recent Developments/Updates

Table 80. Revvity Competitive Strengths & Weaknesses
Table 81. Thermo Fisher Scientific Basic Information, Manufacturing Base and Competitors
Table 82. Thermo Fisher Scientific Major Business
Table 83. Thermo Fisher Scientific Microplate Reading & Imaging Systems Product and Services
Table 84. Thermo Fisher Scientific Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. Thermo Fisher Scientific Recent Developments/Updates
Table 86. Thermo Fisher Scientific Competitive Strengths & Weaknesses
Table 87. Agilent Technologies Basic Information, Manufacturing Base and Competitors
Table 88. Agilent Technologies Major Business
Table 89. Agilent Technologies Microplate Reading & Imaging Systems Product and Services
Table 90. Agilent Technologies Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Agilent Technologies Recent Developments/Updates
Table 92. Agilent Technologies Competitive Strengths & Weaknesses
Table 93. Danaher Basic Information, Manufacturing Base and Competitors
Table 94. Danaher Major Business
Table 95. Danaher Microplate Reading & Imaging Systems Product and Services
Table 96. Danaher Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Danaher Recent Developments/Updates
Table 98. Danaher Competitive Strengths & Weaknesses
Table 99. BMG LABTECH Basic Information, Manufacturing Base and Competitors
Table 100. BMG LABTECH Major Business
Table 101. BMG LABTECH Microplate Reading & Imaging Systems Product and Services
Table 102. BMG LABTECH Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. BMG LABTECH Recent Developments/Updates
Table 104. BMG LABTECH Competitive Strengths & Weaknesses
Table 105. Tecan Group Basic Information, Manufacturing Base and Competitors
Table 106. Tecan Group Major Business

Table 107. Tecan Group Microplate Reading & Imaging Systems Product and Services

Table 108. Tecan Group Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Tecan Group Recent Developments/Updates

Table 110. Tecan Group Competitive Strengths & Weaknesses

Table 111. Sartorius Basic Information, Manufacturing Base and Competitors

Table 112. Sartorius Major Business

Table 113. Sartorius Microplate Reading & Imaging Systems Product and Services

Table 114. Sartorius Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Sartorius Recent Developments/Updates

Table 116. Sartorius Competitive Strengths & Weaknesses

Table 117. Yokogawa Electric Basic Information, Manufacturing Base and Competitors

Table 118. Yokogawa Electric Major Business

Table 119. Yokogawa Electric Microplate Reading & Imaging Systems Product and Services

Table 120. Yokogawa Electric Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Yokogawa Electric Recent Developments/Updates

Table 122. Yokogawa Electric Competitive Strengths & Weaknesses

Table 123. Olympus Basic Information, Manufacturing Base and Competitors

Table 124. Olympus Major Business

Table 125. Olympus Microplate Reading & Imaging Systems Product and Services

Table 126. Olympus Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Olympus Recent Developments/Updates

Table 128. Olympus Competitive Strengths & Weaknesses

Table 129. Shimadzu Corporation Basic Information, Manufacturing Base and Competitors

Table 130. Shimadzu Corporation Major Business

Table 131. Shimadzu Corporation Microplate Reading & Imaging Systems Product and Services

Table 132. Shimadzu Corporation Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Shimadzu Corporation Recent Developments/Updates
Table 134. Shimadzu Corporation Competitive Strengths & Weaknesses
Table 135. Promega Corporation Basic Information, Manufacturing Base and Competitors
Table 136. Promega Corporation Major Business
Table 137. Promega Corporation Microplate Reading & Imaging Systems Product and Services
Table 138. Promega Corporation Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Promega Corporation Recent Developments/Updates
Table 140. Promega Corporation Competitive Strengths & Weaknesses
Table 141. Berthold Technologies Basic Information, Manufacturing Base and Competitors
Table 142. Berthold Technologies Major Business
Table 143. Berthold Technologies Microplate Reading & Imaging Systems Product and Services
Table 144. Berthold Technologies Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. Berthold Technologies Recent Developments/Updates
Table 146. Berthold Technologies Competitive Strengths & Weaknesses
Table 147. Corning Basic Information, Manufacturing Base and Competitors
Table 148. Corning Major Business
Table 149. Corning Microplate Reading & Imaging Systems Product and Services
Table 150. Corning Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 151. Corning Recent Developments/Updates
Table 152. Corning Competitive Strengths & Weaknesses
Table 153. Allsheng Basic Information, Manufacturing Base and Competitors
Table 154. Allsheng Major Business
Table 155. Allsheng Microplate Reading & Imaging Systems Product and Services
Table 156. Allsheng Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. Allsheng Recent Developments/Updates
Table 158. Allsheng Competitive Strengths & Weaknesses
Table 159. SpectraMax Basic Information, Manufacturing Base and Competitors

Table 160. SpectraMax Major Business

Table 161. SpectraMax Microplate Reading & Imaging Systems Product and Services

Table 162. SpectraMax Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. SpectraMax Recent Developments/Updates

Table 164. SpectraMax Competitive Strengths & Weaknesses

Table 165. BeaverBio Basic Information, Manufacturing Base and Competitors

Table 166. BeaverBio Major Business

Table 167. BeaverBio Microplate Reading & Imaging Systems Product and Services

Table 168. BeaverBio Microplate Reading & Imaging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. BeaverBio Recent Developments/Updates

Table 170. BeaverBio Competitive Strengths & Weaknesses

Table 171. Global Key Players of Microplate Reading & Imaging Systems Upstream (Raw Materials)

Table 172. Global Microplate Reading & Imaging Systems Typical Customers

Table 173. Microplate Reading & Imaging Systems Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Microplate Reading & Imaging Systems Picture

Figure 2. World Microplate Reading & Imaging Systems Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Microplate Reading & Imaging Systems Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Microplate Reading & Imaging Systems Production (2021-2032) & (K Units)

Figure 5. World Microplate Reading & Imaging Systems Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Microplate Reading & Imaging Systems Production Value Market Share by Region (2021-2032)

Figure 7. World Microplate Reading & Imaging Systems Production Market Share by Region (2021-2032)

Figure 8. North America Microplate Reading & Imaging Systems Production (2021-2032) & (K Units)

Figure 9. Europe Microplate Reading & Imaging Systems Production (2021-2032) & (K Units)

Figure 10. China Microplate Reading & Imaging Systems Production (2021-2032) & (K Units)

Figure 11. Japan Microplate Reading & Imaging Systems Production (2021-2032) & (K Units)

Figure 12. Microplate Reading & Imaging Systems Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Microplate Reading & Imaging Systems Consumption (2021-2032) & (K Units)

Figure 15. World Microplate Reading & Imaging Systems Consumption Market Share by Region (2021-2032)

Figure 16. United States Microplate Reading & Imaging Systems Consumption (2021-2032) & (K Units)

Figure 17. China Microplate Reading & Imaging Systems Consumption (2021-2032) & (K Units)

Figure 18. Europe Microplate Reading & Imaging Systems Consumption (2021-2032) & (K Units)

Figure 19. Japan Microplate Reading & Imaging Systems Consumption (2021-2032) & (K Units)

Figure 20. South Korea Microplate Reading & Imaging Systems Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Microplate Reading & Imaging Systems Consumption (2021-2032) & (K Units)

Figure 22. India Microplate Reading & Imaging Systems Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Microplate Reading & Imaging Systems by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Microplate Reading & Imaging Systems Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Microplate Reading & Imaging Systems Markets in 2025

Figure 26. United States VS China: Microplate Reading & Imaging Systems Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Microplate Reading & Imaging Systems Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Microplate Reading & Imaging Systems Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Microplate Reading & Imaging Systems Production Market Share 2025

Figure 30. China Based Manufacturers Microplate Reading & Imaging Systems Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Microplate Reading & Imaging Systems Production Market Share 2025

Figure 32. World Microplate Reading & Imaging Systems Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Microplate Reading & Imaging Systems Production Value Market Share by Type in 2025

Figure 34. Multimode Microplate Readers

Figure 35. Absorbance Microplate Readers

Figure 36. Fluorescence Microplate Readers

Figure 37. Luminescence Microplate Readers

Figure 38. World Microplate Reading & Imaging Systems Production Market Share by Type (2021-2032)

Figure 39. World Microplate Reading & Imaging Systems Production Value Market Share by Type (2021-2032)

Figure 40. World Microplate Reading & Imaging Systems Average Price by Type (2021-2032) & (US\$/Unit)

Figure 41. World Microplate Reading & Imaging Systems Production Value by Detection

Technology, (USD Million), 2021 & 2025 & 2032

Figure 42. World Microplate Reading & Imaging Systems Production Value Market Share by Detection Technology in 2025

Figure 43. Absorbance Detection

Figure 44. Fluorescence Detection

Figure 45. Luminescence Detection

Figure 46. Time-Resolved Fluorescence (TRF)

Figure 47. Fluorescence Polarization (FP)

Figure 48. FRET/BRET Detection

Figure 49. AlphaScreen Detection

Figure 50. Chemiluminescence Detection

Figure 51. AlphaScreen Detection

Figure 52. World Microplate Reading & Imaging Systems Production Market Share by Detection Technology (2021-2032)

Figure 53. World Microplate Reading & Imaging Systems Production Value Market Share by Detection Technology (2021-2032)

Figure 54. World Microplate Reading & Imaging Systems Average Price by Detection Technology (2021-2032) & (US\$/Unit)

Figure 55. World Microplate Reading & Imaging Systems Production Value by Plate Format, (USD Million), 2021 & 2025 & 2032

Figure 56. World Microplate Reading & Imaging Systems Production Value Market Share by Plate Format in 2025

Figure 57. 6-Well Systems

Figure 58. 24-Well Systems

Figure 59. 96-Well Systems

Figure 60. 384-Well Systems

Figure 61. 1536-Well Systems

Figure 62. Multi-Format Compatible Systems

Figure 63. World Microplate Reading & Imaging Systems Production Market Share by Plate Format (2021-2032)

Figure 64. World Microplate Reading & Imaging Systems Production Value Market Share by Plate Format (2021-2032)

Figure 65. World Microplate Reading & Imaging Systems Average Price by Plate Format (2021-2032) & (US\$/Unit)

Figure 66. World Microplate Reading & Imaging Systems Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 67. World Microplate Reading & Imaging Systems Production Value Market Share by Application in 2025

Figure 68. Pharmaceutical

Figure 69. Academic & Research Institutes

Figure 70. Clinical Diagnostic Laboratories

Figure 71. Hospitals

Figure 72. World Microplate Reading & Imaging Systems Production Market Share by Application (2021-2032)

Figure 73. World Microplate Reading & Imaging Systems Production Value Market Share by Application (2021-2032)

Figure 74. World Microplate Reading & Imaging Systems Average Price by Application (2021-2032) & (US\$/Unit)

Figure 75. Microplate Reading & Imaging Systems Industry Chain

Figure 76. Microplate Reading & Imaging Systems Procurement Model

Figure 77. Microplate Reading & Imaging Systems Sales Model

Figure 78. Microplate Reading & Imaging Systems Sales Channels, Direct Sales, and Distribution

Figure 79. Methodology

Figure 80. Research Process and Data Source

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