

Global NIR Optical Separator Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G10E376CD94BEN.html>

Date: June 2026

Pages: 155

Price: US\$ 4,480.00 (Single User License)

ID: G10E376CD94BEN

Abstracts

The global NIR Optical Separator market size is expected to reach \$ 1295 million by 2032, rising at a market growth of 8.3% CAGR during the forecast period (2026-2032).

In 2025, global NIR Optical Separator production reached approximately 3.6k units , with an average global market price of around US\$200k per unit.

NIR Optical Separators are advanced automated sorting systems based on Near-Infrared Spectroscopy (NIR), machine vision, and artificial intelligence algorithms for intelligent material detection and automated separation. These systems are widely used in food processing, grain sorting, plastic recycling, ore classification, traditional Chinese medicine processing, chemical raw material screening, and resource recycling industries. The equipment works by projecting near-infrared light onto target materials. Due to differences in molecular structure, chemical composition, and moisture content, different materials exhibit unique absorption, reflection, and transmission characteristics at specific near-infrared wavelengths. Combined with high-sensitivity photoelectric sensors, high-speed image acquisition systems, deep-learning algorithms, and high-speed air-jet ejection mechanisms, the system can automatically identify and precisely separate foreign materials, impurities, moldy particles, different plastic materials, and substances with varying chemical compositions. Compared with traditional color sorters, NIR Optical Separators can not only identify color differences but also detect internal composition, material properties, and organic characteristics, making them highly suitable for high-value agricultural processing, recycled resource sorting, and industrial intelligent separation applications. With the continuous development of artificial intelligence, machine vision, hyperspectral imaging, and industrial automation technologies, NIR Optical Separators are evolving toward hyperspectral systems, multi-sensor integration, high-speed intelligent sorting, low-energy consumption, and cloud-

based data management, becoming one of the core technologies in modern intelligent sorting equipment.

The upstream segment of the NIR Optical Separator industry mainly includes suppliers of near-infrared light sources, optical lenses, CMOS/CCD image sensors, spectral analysis modules, AI algorithm chips, high-speed ejector valves, PLC control systems, industrial cameras, semiconductor devices, conveyor systems, and precision mechanical structures. Representative companies include Hamamatsu Photonics, Sony, Omron, Keyence, Basler, NVIDIA, Intel, Siemens, and SICK AG. The midstream sector mainly consists of NIR optical separator manufacturers, intelligent sorting equipment companies, and industrial automation system integrators. Representative companies include B?hler Group, TOMRA, Satake, Meyer Optoelectronic, and Cimbria. Downstream applications are widely distributed across food processing, grain processing, plastic recycling, ore sorting, traditional Chinese medicine processing, chemical raw material screening, and environmental resource recycling industries. Representative end-user companies include Nestl?, Cargill, Veolia, Bunge, as well as various recycling and food-processing enterprises. Overall, the industry is evolving toward hyperspectral imaging, AI intelligent recognition, multi-sensor integration, and high-speed automation, continuously driving the upgrade of intelligent sorting equipment.

The NIR Optical Separator market is currently experiencing rapid growth driven by the upgrading of industrial intelligent sorting systems and increasing demand for resource recycling solutions. As food safety standards continue to rise, plastic recycling becomes more refined, mineral resource utilization improves, and industrial automation expands, market demand for high-precision, high-speed, and intelligent sorting equipment is continuously increasing, driving the industry toward hyperspectral imaging, multi-sensor integration, and AI intelligent recognition technologies. Meanwhile, the advancement of artificial intelligence, machine vision, deep learning, and industrial internet technologies is further accelerating the penetration of NIR Optical Separators in food processing, environmental recycling, and intelligent manufacturing industries. Future market trends will increasingly focus on hyperspectral imaging, cloud-based data management, unmanned intelligent factories, and high-speed low-energy sorting systems. In addition, the development of the circular economy, green manufacturing, and environmental industry upgrades will become important growth drivers. However, the industry still faces challenges such as high costs of advanced optical components, complex system integration, high barriers to AI algorithm development, and long investment cycles in certain downstream industries. Fluctuations in the global manufacturing economy may also impact market demand. Overall, the NIR Optical Separator industry is evolving

from traditional color sorting equipment into advanced intelligent spectral sorting platforms, maintaining strong growth potential in intelligent manufacturing and resource recycling applications.

This report studies the global NIR Optical Separator production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for NIR Optical Separator 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 NIR Optical Separator that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global NIR Optical Separator total production and demand, 2021-2032, (Units)

Global NIR Optical Separator total production value, 2021-2032, (USD Million)

Global NIR Optical Separator production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global NIR Optical Separator consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: NIR Optical Separator domestic production, consumption, key domestic manufacturers and share

Global NIR Optical Separator production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global NIR Optical Separator production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global NIR Optical Separator production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global NIR Optical Separator 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 Tomra, Pellenc ST, Mogensen, Steinert, Bulk Handling Systems, MSS, LLC, Satake, Senro, Prodecologia, Picvisa, 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 NIR Optical Separator market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (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 NIR Optical Separator Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global NIR Optical Separator Market, Segmentation by Type:

Belt-type

Chute-type

Caterpillar-type

Global NIR Optical Separator Market, Segmentation by Processing Capacity:

1-3 Tons/Hour

3-6 Tons/Hour

Others

Global NIR Optical Separator Market, Segmentation by Sorting Accuracy:

>99.99%

>99.5%

>99%

Global NIR Optical Separator Market, Segmentation by Application:

Food

Chemicals

Minerals

Plastics

Companies Profiled:

Tomra

Pellenc ST

Mogensen

Steinert

Bulk Handling Systems

MSS, LLC

Satake

Senro

Prodecologia

Picvisa

B?hler Group

Cimbria

Growking Optoelectronic

PEAKS-ECO

Zhongke Optic-electronic Color Sorter Machinery

Meyer Optoelectronic

Key Questions Answered:

1. How big is the global NIR Optical Separator market?
2. What is the demand of the global NIR Optical Separator market?
3. What is the year over year growth of the global NIR Optical Separator market?
4. What is the production and production value of the global NIR Optical Separator market?
5. Who are the key producers in the global NIR Optical Separator market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 NIR Optical Separator Introduction
- 1.2 World NIR Optical Separator Supply & Forecast
 - 1.2.1 World NIR Optical Separator Production Value (2021 & 2025 & 2032)
 - 1.2.2 World NIR Optical Separator Production (2021-2032)
 - 1.2.3 World NIR Optical Separator Pricing Trends (2021-2032)
- 1.3 World NIR Optical Separator Production by Region (Based on Production Site)
 - 1.3.1 World NIR Optical Separator Production Value by Region (2021-2032)
 - 1.3.2 World NIR Optical Separator Production by Region (2021-2032)
 - 1.3.3 World NIR Optical Separator Average Price by Region (2021-2032)
 - 1.3.4 North America NIR Optical Separator Production (2021-2032)
 - 1.3.5 Europe NIR Optical Separator Production (2021-2032)
 - 1.3.6 China NIR Optical Separator Production (2021-2032)
 - 1.3.7 Japan NIR Optical Separator Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 NIR Optical Separator Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 NIR Optical Separator Major Market Trends

2 DEMAND SUMMARY

- 2.1 World NIR Optical Separator Demand (2021-2032)
- 2.2 World NIR Optical Separator Consumption by Region
 - 2.2.1 World NIR Optical Separator Consumption by Region (2021-2026)
 - 2.2.2 World NIR Optical Separator Consumption Forecast by Region (2027-2032)
- 2.3 United States NIR Optical Separator Consumption (2021-2032)
- 2.4 China NIR Optical Separator Consumption (2021-2032)
- 2.5 Europe NIR Optical Separator Consumption (2021-2032)
- 2.6 Japan NIR Optical Separator Consumption (2021-2032)
- 2.7 South Korea NIR Optical Separator Consumption (2021-2032)
- 2.8 ASEAN NIR Optical Separator Consumption (2021-2032)
- 2.9 India NIR Optical Separator Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World NIR Optical Separator Production Value by Manufacturer (2021-2026)

- 3.2 World NIR Optical Separator Production by Manufacturer (2021-2026)
- 3.3 World NIR Optical Separator Average Price by Manufacturer (2021-2026)
- 3.4 NIR Optical Separator Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global NIR Optical Separator Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for NIR Optical Separator in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for NIR Optical Separator in 2025
- 3.6 NIR Optical Separator Market: Overall Company Footprint Analysis
 - 3.6.1 NIR Optical Separator Market: Region Footprint
 - 3.6.2 NIR Optical Separator Market: Company Product Type Footprint
 - 3.6.3 NIR Optical Separator 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: NIR Optical Separator Production Value Comparison
 - 4.1.1 United States VS China: NIR Optical Separator Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: NIR Optical Separator Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: NIR Optical Separator Production Comparison
 - 4.2.1 United States VS China: NIR Optical Separator Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: NIR Optical Separator Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: NIR Optical Separator Consumption Comparison
 - 4.3.1 United States VS China: NIR Optical Separator Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: NIR Optical Separator Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based NIR Optical Separator Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based NIR Optical Separator Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers NIR Optical Separator Production Value (2021-2026)

4.4.3 United States Based Manufacturers NIR Optical Separator Production (2021-2026)

4.5 China Based NIR Optical Separator Manufacturers and Market Share

4.5.1 China Based NIR Optical Separator Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers NIR Optical Separator Production Value (2021-2026)

4.5.3 China Based Manufacturers NIR Optical Separator Production (2021-2026)

4.6 Rest of World Based NIR Optical Separator Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based NIR Optical Separator Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers NIR Optical Separator Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers NIR Optical Separator Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World NIR Optical Separator Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Belt-type

5.2.2 Chute-type

5.2.3 Caterpillar-type

5.3 Market Segment by Type

5.3.1 World NIR Optical Separator Production by Type (2021-2032)

5.3.2 World NIR Optical Separator Production Value by Type (2021-2032)

5.3.3 World NIR Optical Separator Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PROCESSING CAPACITY

6.1 World NIR Optical Separator Market Size Overview by Processing Capacity: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Processing Capacity

6.2.1 1-3 Tons/Hour

6.2.2 3-6 Tons/Hour

6.2.3 Others

6.3 Market Segment by Processing Capacity

6.3.1 World NIR Optical Separator Production by Processing Capacity (2021-2032)

6.3.2 World NIR Optical Separator Production Value by Processing Capacity (2021-2032)

6.3.3 World NIR Optical Separator Average Price by Processing Capacity (2021-2032)

7 MARKET ANALYSIS BY SORTING ACCURACY

7.1 World NIR Optical Separator Market Size Overview by Sorting Accuracy: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Sorting Accuracy

7.2.1 >99.99%

7.2.2 >99.5%

7.2.3 >99%

7.3 Market Segment by Sorting Accuracy

7.3.1 World NIR Optical Separator Production by Sorting Accuracy (2021-2032)

7.3.2 World NIR Optical Separator Production Value by Sorting Accuracy (2021-2032)

7.3.3 World NIR Optical Separator Average Price by Sorting Accuracy (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World NIR Optical Separator Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Food

8.2.2 Chemicals

8.2.3 Minerals

8.2.4 Plastics

8.3 Market Segment by Application

8.3.1 World NIR Optical Separator Production by Application (2021-2032)

8.3.2 World NIR Optical Separator Production Value by Application (2021-2032)

8.3.3 World NIR Optical Separator Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Tomra

9.1.1 Tomra Details

9.1.2 Tomra Major Business

- 9.1.3 Tomra NIR Optical Separator Product and Services
- 9.1.4 Tomra NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.1.5 Tomra Recent Developments/Updates
- 9.1.6 Tomra Competitive Strengths & Weaknesses
- 9.2 Pellenc ST
 - 9.2.1 Pellenc ST Details
 - 9.2.2 Pellenc ST Major Business
 - 9.2.3 Pellenc ST NIR Optical Separator Product and Services
 - 9.2.4 Pellenc ST NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.2.5 Pellenc ST Recent Developments/Updates
 - 9.2.6 Pellenc ST Competitive Strengths & Weaknesses
- 9.3 Mogensen
 - 9.3.1 Mogensen Details
 - 9.3.2 Mogensen Major Business
 - 9.3.3 Mogensen NIR Optical Separator Product and Services
 - 9.3.4 Mogensen NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 Mogensen Recent Developments/Updates
 - 9.3.6 Mogensen Competitive Strengths & Weaknesses
- 9.4 Steinert
 - 9.4.1 Steinert Details
 - 9.4.2 Steinert Major Business
 - 9.4.3 Steinert NIR Optical Separator Product and Services
 - 9.4.4 Steinert NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Steinert Recent Developments/Updates
 - 9.4.6 Steinert Competitive Strengths & Weaknesses
- 9.5 Bulk Handling Systems
 - 9.5.1 Bulk Handling Systems Details
 - 9.5.2 Bulk Handling Systems Major Business
 - 9.5.3 Bulk Handling Systems NIR Optical Separator Product and Services
 - 9.5.4 Bulk Handling Systems NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Bulk Handling Systems Recent Developments/Updates
 - 9.5.6 Bulk Handling Systems Competitive Strengths & Weaknesses
- 9.6 MSS, LLC
 - 9.6.1 MSS, LLC Details

- 9.6.2 MSS, LLC Major Business
- 9.6.3 MSS, LLC NIR Optical Separator Product and Services
- 9.6.4 MSS, LLC NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.6.5 MSS, LLC Recent Developments/Updates
- 9.6.6 MSS, LLC Competitive Strengths & Weaknesses
- 9.7 Satake
 - 9.7.1 Satake Details
 - 9.7.2 Satake Major Business
 - 9.7.3 Satake NIR Optical Separator Product and Services
 - 9.7.4 Satake NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Satake Recent Developments/Updates
 - 9.7.6 Satake Competitive Strengths & Weaknesses
- 9.8 Senro
 - 9.8.1 Senro Details
 - 9.8.2 Senro Major Business
 - 9.8.3 Senro NIR Optical Separator Product and Services
 - 9.8.4 Senro NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Senro Recent Developments/Updates
 - 9.8.6 Senro Competitive Strengths & Weaknesses
- 9.9 Prodecologia
 - 9.9.1 Prodecologia Details
 - 9.9.2 Prodecologia Major Business
 - 9.9.3 Prodecologia NIR Optical Separator Product and Services
 - 9.9.4 Prodecologia NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Prodecologia Recent Developments/Updates
 - 9.9.6 Prodecologia Competitive Strengths & Weaknesses
- 9.10 Picvisa
 - 9.10.1 Picvisa Details
 - 9.10.2 Picvisa Major Business
 - 9.10.3 Picvisa NIR Optical Separator Product and Services
 - 9.10.4 Picvisa NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Picvisa Recent Developments/Updates
 - 9.10.6 Picvisa Competitive Strengths & Weaknesses
- 9.11 B?hler Group

- 9.11.1 B?hler Group Details
- 9.11.2 B?hler Group Major Business
- 9.11.3 B?hler Group NIR Optical Separator Product and Services
- 9.11.4 B?hler Group NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.11.5 B?hler Group Recent Developments/Updates
- 9.11.6 B?hler Group Competitive Strengths & Weaknesses
- 9.12 Cimbria
 - 9.12.1 Cimbria Details
 - 9.12.2 Cimbria Major Business
 - 9.12.3 Cimbria NIR Optical Separator Product and Services
 - 9.12.4 Cimbria NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Cimbria Recent Developments/Updates
 - 9.12.6 Cimbria Competitive Strengths & Weaknesses
- 9.13 Growking Optoelectronic
 - 9.13.1 Growking Optoelectronic Details
 - 9.13.2 Growking Optoelectronic Major Business
 - 9.13.3 Growking Optoelectronic NIR Optical Separator Product and Services
 - 9.13.4 Growking Optoelectronic NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Growking Optoelectronic Recent Developments/Updates
 - 9.13.6 Growking Optoelectronic Competitive Strengths & Weaknesses
- 9.14 PEAKS-ECO
 - 9.14.1 PEAKS-ECO Details
 - 9.14.2 PEAKS-ECO Major Business
 - 9.14.3 PEAKS-ECO NIR Optical Separator Product and Services
 - 9.14.4 PEAKS-ECO NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 PEAKS-ECO Recent Developments/Updates
 - 9.14.6 PEAKS-ECO Competitive Strengths & Weaknesses
- 9.15 Zhongke Optic-electronic Color Sorter Machinery
 - 9.15.1 Zhongke Optic-electronic Color Sorter Machinery Details
 - 9.15.2 Zhongke Optic-electronic Color Sorter Machinery Major Business
 - 9.15.3 Zhongke Optic-electronic Color Sorter Machinery NIR Optical Separator Product and Services
 - 9.15.4 Zhongke Optic-electronic Color Sorter Machinery NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Zhongke Optic-electronic Color Sorter Machinery Recent

Developments/Updates

9.15.6 Zhongke Optic-electronic Color Sorter Machinery Competitive Strengths & Weaknesses

9.16 Meyer Optoelectronic

9.16.1 Meyer Optoelectronic Details

9.16.2 Meyer Optoelectronic Major Business

9.16.3 Meyer Optoelectronic NIR Optical Separator Product and Services

9.16.4 Meyer Optoelectronic NIR Optical Separator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 Meyer Optoelectronic Recent Developments/Updates

9.16.6 Meyer Optoelectronic Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 NIR Optical Separator Industry Chain

10.2 NIR Optical Separator Upstream Analysis

10.2.1 NIR Optical Separator Core Raw Materials

10.2.2 Main Manufacturers of NIR Optical Separator Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 NIR Optical Separator Production Mode

10.6 NIR Optical Separator Procurement Model

10.7 NIR Optical Separator Industry Sales Model and Sales Channels

10.7.1 NIR Optical Separator Sales Model

10.7.2 NIR Optical Separator 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 NIR Optical Separator Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World NIR Optical Separator Production Value by Region (2021-2026) & (USD Million)

Table 3. World NIR Optical Separator Production Value by Region (2027-2032) & (USD Million)

Table 4. World NIR Optical Separator Production Value Market Share by Region (2021-2026)

Table 5. World NIR Optical Separator Production Value Market Share by Region (2027-2032)

Table 6. World NIR Optical Separator Production by Region (2021-2026) & (Units)

Table 7. World NIR Optical Separator Production by Region (2027-2032) & (Units)

Table 8. World NIR Optical Separator Production Market Share by Region (2021-2026)

Table 9. World NIR Optical Separator Production Market Share by Region (2027-2032)

Table 10. World NIR Optical Separator Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World NIR Optical Separator Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. NIR Optical Separator Major Market Trends

Table 13. World NIR Optical Separator Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World NIR Optical Separator Consumption by Region (2021-2026) & (Units)

Table 15. World NIR Optical Separator Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World NIR Optical Separator Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key NIR Optical Separator Producers in 2025

Table 18. World NIR Optical Separator Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key NIR Optical Separator Producers in 2025

Table 20. World NIR Optical Separator Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global NIR Optical Separator Company Evaluation Quadrant

Table 22. World NIR Optical Separator Industry Rank of Major Manufacturers, Based on

Production Value in 2025

Table 23. Head Office and NIR Optical Separator Production Site of Key Manufacturer

Table 24. NIR Optical Separator Market: Company Product Type Footprint

Table 25. NIR Optical Separator Market: Company Product Application Footprint

Table 26. NIR Optical Separator Competitive Factors

Table 27. NIR Optical Separator New Entrant and Capacity Expansion Plans

Table 28. NIR Optical Separator Mergers & Acquisitions Activity

Table 29. United States VS China NIR Optical Separator Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China NIR Optical Separator Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China NIR Optical Separator Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based NIR Optical Separator Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers NIR Optical Separator Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers NIR Optical Separator Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers NIR Optical Separator Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers NIR Optical Separator Production Market Share (2021-2026)

Table 37. China Based NIR Optical Separator Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers NIR Optical Separator Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers NIR Optical Separator Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers NIR Optical Separator Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers NIR Optical Separator Production Market Share (2021-2026)

Table 42. Rest of World Based NIR Optical Separator Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers NIR Optical Separator Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers NIR Optical Separator Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers NIR Optical Separator Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers NIR Optical Separator Production Market Share (2021-2026)

Table 47. World NIR Optical Separator Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World NIR Optical Separator Production by Type (2021-2026) & (Units)

Table 49. World NIR Optical Separator Production by Type (2027-2032) & (Units)

Table 50. World NIR Optical Separator Production Value by Type (2021-2026) & (USD Million)

Table 51. World NIR Optical Separator Production Value by Type (2027-2032) & (USD Million)

Table 52. World NIR Optical Separator Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World NIR Optical Separator Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World NIR Optical Separator Production Value by Processing Capacity, (USD Million), 2021 & 2025 & 2032

Table 55. World NIR Optical Separator Production by Processing Capacity (2021-2026) & (Units)

Table 56. World NIR Optical Separator Production by Processing Capacity (2027-2032) & (Units)

Table 57. World NIR Optical Separator Production Value by Processing Capacity (2021-2026) & (USD Million)

Table 58. World NIR Optical Separator Production Value by Processing Capacity (2027-2032) & (USD Million)

Table 59. World NIR Optical Separator Average Price by Processing Capacity (2021-2026) & (US\$/Unit)

Table 60. World NIR Optical Separator Average Price by Processing Capacity (2027-2032) & (US\$/Unit)

Table 61. World NIR Optical Separator Production Value by Sorting Accuracy, (USD Million), 2021 & 2025 & 2032

Table 62. World NIR Optical Separator Production by Sorting Accuracy (2021-2026) & (Units)

Table 63. World NIR Optical Separator Production by Sorting Accuracy (2027-2032) & (Units)

Table 64. World NIR Optical Separator Production Value by Sorting Accuracy (2021-2026) & (USD Million)

Table 65. World NIR Optical Separator Production Value by Sorting Accuracy

(2027-2032) & (USD Million)

Table 66. World NIR Optical Separator Average Price by Sorting Accuracy (2021-2026) & (US\$/Unit)

Table 67. World NIR Optical Separator Average Price by Sorting Accuracy (2027-2032) & (US\$/Unit)

Table 68. World NIR Optical Separator Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World NIR Optical Separator Production by Application (2021-2026) & (Units)

Table 70. World NIR Optical Separator Production by Application (2027-2032) & (Units)

Table 71. World NIR Optical Separator Production Value by Application (2021-2026) & (USD Million)

Table 72. World NIR Optical Separator Production Value by Application (2027-2032) & (USD Million)

Table 73. World NIR Optical Separator Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World NIR Optical Separator Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Tomra Basic Information, Manufacturing Base and Competitors

Table 76. Tomra Major Business

Table 77. Tomra NIR Optical Separator Product and Services

Table 78. Tomra NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Tomra Recent Developments/Updates

Table 80. Tomra Competitive Strengths & Weaknesses

Table 81. Pellenc ST Basic Information, Manufacturing Base and Competitors

Table 82. Pellenc ST Major Business

Table 83. Pellenc ST NIR Optical Separator Product and Services

Table 84. Pellenc ST NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Pellenc ST Recent Developments/Updates

Table 86. Pellenc ST Competitive Strengths & Weaknesses

Table 87. Mogensen Basic Information, Manufacturing Base and Competitors

Table 88. Mogensen Major Business

Table 89. Mogensen NIR Optical Separator Product and Services

Table 90. Mogensen NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Mogensen Recent Developments/Updates

Table 92. Mogensen Competitive Strengths & Weaknesses

Table 93. Steinert Basic Information, Manufacturing Base and Competitors

- Table 94. Steinert Major Business
- Table 95. Steinert NIR Optical Separator Product and Services
- Table 96. Steinert NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. Steinert Recent Developments/Updates
- Table 98. Steinert Competitive Strengths & Weaknesses
- Table 99. Bulk Handling Systems Basic Information, Manufacturing Base and Competitors
- Table 100. Bulk Handling Systems Major Business
- Table 101. Bulk Handling Systems NIR Optical Separator Product and Services
- Table 102. Bulk Handling Systems NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Bulk Handling Systems Recent Developments/Updates
- Table 104. Bulk Handling Systems Competitive Strengths & Weaknesses
- Table 105. MSS, LLC Basic Information, Manufacturing Base and Competitors
- Table 106. MSS, LLC Major Business
- Table 107. MSS, LLC NIR Optical Separator Product and Services
- Table 108. MSS, LLC NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. MSS, LLC Recent Developments/Updates
- Table 110. MSS, LLC Competitive Strengths & Weaknesses
- Table 111. Satake Basic Information, Manufacturing Base and Competitors
- Table 112. Satake Major Business
- Table 113. Satake NIR Optical Separator Product and Services
- Table 114. Satake NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Satake Recent Developments/Updates
- Table 116. Satake Competitive Strengths & Weaknesses
- Table 117. Senro Basic Information, Manufacturing Base and Competitors
- Table 118. Senro Major Business
- Table 119. Senro NIR Optical Separator Product and Services
- Table 120. Senro NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Senro Recent Developments/Updates
- Table 122. Senro Competitive Strengths & Weaknesses
- Table 123. Prodecologia Basic Information, Manufacturing Base and Competitors
- Table 124. Prodecologia Major Business
- Table 125. Prodecologia NIR Optical Separator Product and Services

- Table 126. Prodecologia NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Prodecologia Recent Developments/Updates
- Table 128. Prodecologia Competitive Strengths & Weaknesses
- Table 129. Picvisa Basic Information, Manufacturing Base and Competitors
- Table 130. Picvisa Major Business
- Table 131. Picvisa NIR Optical Separator Product and Services
- Table 132. Picvisa NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Picvisa Recent Developments/Updates
- Table 134. Picvisa Competitive Strengths & Weaknesses
- Table 135. B?hler Group Basic Information, Manufacturing Base and Competitors
- Table 136. B?hler Group Major Business
- Table 137. B?hler Group NIR Optical Separator Product and Services
- Table 138. B?hler Group NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 139. B?hler Group Recent Developments/Updates
- Table 140. B?hler Group Competitive Strengths & Weaknesses
- Table 141. Cimbria Basic Information, Manufacturing Base and Competitors
- Table 142. Cimbria Major Business
- Table 143. Cimbria NIR Optical Separator Product and Services
- Table 144. Cimbria NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 145. Cimbria Recent Developments/Updates
- Table 146. Cimbria Competitive Strengths & Weaknesses
- Table 147. Growking Optoelectronic Basic Information, Manufacturing Base and Competitors
- Table 148. Growking Optoelectronic Major Business
- Table 149. Growking Optoelectronic NIR Optical Separator Product and Services
- Table 150. Growking Optoelectronic NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 151. Growking Optoelectronic Recent Developments/Updates
- Table 152. Growking Optoelectronic Competitive Strengths & Weaknesses
- Table 153. PEAKS-ECO Basic Information, Manufacturing Base and Competitors
- Table 154. PEAKS-ECO Major Business
- Table 155. PEAKS-ECO NIR Optical Separator Product and Services
- Table 156. PEAKS-ECO NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. PEAKS-ECO Recent Developments/Updates

Table 158. PEAKS-ECO Competitive Strengths & Weaknesses

Table 159. Zhongke Optic-electronic Color Sorter Machinery Basic Information, Manufacturing Base and Competitors

Table 160. Zhongke Optic-electronic Color Sorter Machinery Major Business

Table 161. Zhongke Optic-electronic Color Sorter Machinery NIR Optical Separator Product and Services

Table 162. Zhongke Optic-electronic Color Sorter Machinery NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Zhongke Optic-electronic Color Sorter Machinery Recent Developments/Updates

Table 164. Zhongke Optic-electronic Color Sorter Machinery Competitive Strengths & Weaknesses

Table 165. Meyer Optoelectronic Basic Information, Manufacturing Base and Competitors

Table 166. Meyer Optoelectronic Major Business

Table 167. Meyer Optoelectronic NIR Optical Separator Product and Services

Table 168. Meyer Optoelectronic NIR Optical Separator Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Meyer Optoelectronic Recent Developments/Updates

Table 170. Meyer Optoelectronic Competitive Strengths & Weaknesses

Table 171. Global Key Players of NIR Optical Separator Upstream (Raw Materials)

Table 172. Global NIR Optical Separator Typical Customers

Table 173. NIR Optical Separator Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. NIR Optical Separator Picture

Figure 2. World NIR Optical Separator Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World NIR Optical Separator Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World NIR Optical Separator Production (2021-2032) & (Units)

Figure 5. World NIR Optical Separator Average Price (2021-2032) & (US\$/Unit)

Figure 6. World NIR Optical Separator Production Value Market Share by Region (2021-2032)

Figure 7. World NIR Optical Separator Production Market Share by Region (2021-2032)

Figure 8. North America NIR Optical Separator Production (2021-2032) & (Units)

Figure 9. Europe NIR Optical Separator Production (2021-2032) & (Units)

Figure 10. China NIR Optical Separator Production (2021-2032) & (Units)

Figure 11. Japan NIR Optical Separator Production (2021-2032) & (Units)

Figure 12. NIR Optical Separator Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World NIR Optical Separator Consumption (2021-2032) & (Units)

Figure 15. World NIR Optical Separator Consumption Market Share by Region (2021-2032)

Figure 16. United States NIR Optical Separator Consumption (2021-2032) & (Units)

Figure 17. China NIR Optical Separator Consumption (2021-2032) & (Units)

Figure 18. Europe NIR Optical Separator Consumption (2021-2032) & (Units)

Figure 19. Japan NIR Optical Separator Consumption (2021-2032) & (Units)

Figure 20. South Korea NIR Optical Separator Consumption (2021-2032) & (Units)

Figure 21. ASEAN NIR Optical Separator Consumption (2021-2032) & (Units)

Figure 22. India NIR Optical Separator Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of NIR Optical Separator by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for NIR Optical Separator Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for NIR Optical Separator Markets in 2025

Figure 26. United States VS China: NIR Optical Separator Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: NIR Optical Separator Production Market Share

Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: NIR Optical Separator Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers NIR Optical Separator Production Market Share 2025

Figure 30. China Based Manufacturers NIR Optical Separator Production Market Share 2025

Figure 31. Rest of World Based Manufacturers NIR Optical Separator Production Market Share 2025

Figure 32. World NIR Optical Separator Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World NIR Optical Separator Production Value Market Share by Type in 2025

Figure 34. Belt-type

Figure 35. Chute-type

Figure 36. Caterpillar-type

Figure 37. World NIR Optical Separator Production Market Share by Type (2021-2032)

Figure 38. World NIR Optical Separator Production Value Market Share by Type (2021-2032)

Figure 39. World NIR Optical Separator Average Price by Type (2021-2032) & (US\$/Unit)

Figure 40. World NIR Optical Separator Production Value by Processing Capacity, (USD Million), 2021 & 2025 & 2032

Figure 41. World NIR Optical Separator Production Value Market Share by Processing Capacity in 2025

Figure 42. 1-3 Tons/Hour

Figure 43. 3-6 Tons/Hour

Figure 44. Others

Figure 45. World NIR Optical Separator Production Market Share by Processing Capacity (2021-2032)

Figure 46. World NIR Optical Separator Production Value Market Share by Processing Capacity (2021-2032)

Figure 47. World NIR Optical Separator Average Price by Processing Capacity (2021-2032) & (US\$/Unit)

Figure 48. World NIR Optical Separator Production Value by Sorting Accuracy, (USD Million), 2021 & 2025 & 2032

Figure 49. World NIR Optical Separator Production Value Market Share by Sorting Accuracy in 2025

Figure 50. >99.99%

Figure 51. >99.5%

Figure 52. >99%

Figure 53. World NIR Optical Separator Production Market Share by Sorting Accuracy (2021-2032)

Figure 54. World NIR Optical Separator Production Value Market Share by Sorting Accuracy (2021-2032)

Figure 55. World NIR Optical Separator Average Price by Sorting Accuracy (2021-2032) & (US\$/Unit)

Figure 56. World NIR Optical Separator Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World NIR Optical Separator Production Value Market Share by Application in 2025

Figure 58. Food

Figure 59. Chemicals

Figure 60. Minerals

Figure 61. Plastics

Figure 62. World NIR Optical Separator Production Market Share by Application (2021-2032)

Figure 63. World NIR Optical Separator Production Value Market Share by Application (2021-2032)

Figure 64. World NIR Optical Separator Average Price by Application (2021-2032) & (US\$/Unit)

Figure 65. NIR Optical Separator Industry Chain

Figure 66. NIR Optical Separator Procurement Model

Figure 67. NIR Optical Separator Sales Model

Figure 68. NIR Optical Separator Sales Channels, Direct Sales, and Distribution

Figure 69. Methodology

Figure 70. Research Process and Data Source

I would like to order

Product name: Global NIR Optical Separator Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G10E376CD94BEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G10E376CD94BEN.html>