

Global Smart Optical Sorting Machines Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Smart Optical Sorting Machines market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Smart optical sorting machines are advanced technological devices used primarily in the food, recycling, and manufacturing industries to automatically separate and classify materials based on specific optical characteristics. These machines utilize high-resolution cameras, sensors, and sophisticated software algorithms to analyze the color, size, shape, and other properties of objects in real-time.

This report is a detailed and comprehensive analysis for global Smart Optical Sorting Machines market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Smart Optical Sorting Machines market size and forecasts, in consumption value

(\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Smart Optical Sorting Machines market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Smart Optical Sorting Machines market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Smart Optical Sorting Machines market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Smart Optical Sorting Machines
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Smart Optical Sorting Machines market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include B?hler Group, Raytec Vision, TOMRA, Sesotec GmbH, Greefa, Pellenc ST, Key Technology, Binder+Co AG, SATAKE Group, Cimbria, etc.

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

Market Segmentation

Smart Optical Sorting Machines market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Camera

Laser

NIR

X-ray

Others

Market segment by Application

Food Processing

Waste Recycling

Mining

Others

Major players covered

B?hler Group

Raytec Vision

TOMRA

Sesotec GmbH

Greefa

Pellenc ST

Key Technology

Binder+Co AG

SATAKE Group

Cimbria

CP Manufacturing

Newtec A/S

NRT Optical Sorting

visicontrol GmbH

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

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

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

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

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

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

Chapter 1, to describe Smart Optical Sorting Machines product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Smart Optical Sorting Machines, with price, sales quantity, revenue, and global market share of Smart Optical Sorting Machines from 2020 to 2025.

Chapter 3, the Smart Optical Sorting Machines competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Smart Optical Sorting Machines breakdown data are shown at the

regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Smart Optical Sorting Machines market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Smart Optical Sorting Machines.

Chapter 14 and 15, to describe Smart Optical Sorting Machines sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Smart Optical Sorting Machines Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Camera

1.3.3 Laser

1.3.4 NIR

1.3.5 X-ray

1.3.6 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Smart Optical Sorting Machines Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Food Processing

1.4.3 Waste Recycling

1.4.4 Mining

1.4.5 Others

1.5 Global Smart Optical Sorting Machines Market Size & Forecast

1.5.1 Global Smart Optical Sorting Machines Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Smart Optical Sorting Machines Sales Quantity (2020-2031)

1.5.3 Global Smart Optical Sorting Machines Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 B?hler Group

2.1.1 B?hler Group Details

2.1.2 B?hler Group Major Business

2.1.3 B?hler Group Smart Optical Sorting Machines Product and Services

2.1.4 B?hler Group Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 B?hler Group Recent Developments/Updates

2.2 Raytec Vision

2.2.1 Raytec Vision Details

2.2.2 Raytec Vision Major Business

- 2.2.3 Raytec Vision Smart Optical Sorting Machines Product and Services
- 2.2.4 Raytec Vision Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.2.5 Raytec Vision Recent Developments/Updates
- 2.3 TOMRA
 - 2.3.1 TOMRA Details
 - 2.3.2 TOMRA Major Business
 - 2.3.3 TOMRA Smart Optical Sorting Machines Product and Services
 - 2.3.4 TOMRA Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 TOMRA Recent Developments/Updates
- 2.4 Sesotec GmbH
 - 2.4.1 Sesotec GmbH Details
 - 2.4.2 Sesotec GmbH Major Business
 - 2.4.3 Sesotec GmbH Smart Optical Sorting Machines Product and Services
 - 2.4.4 Sesotec GmbH Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 Sesotec GmbH Recent Developments/Updates
- 2.5 Greefa
 - 2.5.1 Greefa Details
 - 2.5.2 Greefa Major Business
 - 2.5.3 Greefa Smart Optical Sorting Machines Product and Services
 - 2.5.4 Greefa Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Greefa Recent Developments/Updates
- 2.6 Pellenc ST
 - 2.6.1 Pellenc ST Details
 - 2.6.2 Pellenc ST Major Business
 - 2.6.3 Pellenc ST Smart Optical Sorting Machines Product and Services
 - 2.6.4 Pellenc ST Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Pellenc ST Recent Developments/Updates
- 2.7 Key Technology
 - 2.7.1 Key Technology Details
 - 2.7.2 Key Technology Major Business
 - 2.7.3 Key Technology Smart Optical Sorting Machines Product and Services
 - 2.7.4 Key Technology Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.7.5 Key Technology Recent Developments/Updates

2.8 Binder+Co AG

2.8.1 Binder+Co AG Details

2.8.2 Binder+Co AG Major Business

2.8.3 Binder+Co AG Smart Optical Sorting Machines Product and Services

2.8.4 Binder+Co AG Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 Binder+Co AG Recent Developments/Updates

2.9 SATAKE Group

2.9.1 SATAKE Group Details

2.9.2 SATAKE Group Major Business

2.9.3 SATAKE Group Smart Optical Sorting Machines Product and Services

2.9.4 SATAKE Group Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 SATAKE Group Recent Developments/Updates

2.10 Cimbria

2.10.1 Cimbria Details

2.10.2 Cimbria Major Business

2.10.3 Cimbria Smart Optical Sorting Machines Product and Services

2.10.4 Cimbria Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.10.5 Cimbria Recent Developments/Updates

2.11 CP Manufacturing

2.11.1 CP Manufacturing Details

2.11.2 CP Manufacturing Major Business

2.11.3 CP Manufacturing Smart Optical Sorting Machines Product and Services

2.11.4 CP Manufacturing Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.11.5 CP Manufacturing Recent Developments/Updates

2.12 Newtec A/S

2.12.1 Newtec A/S Details

2.12.2 Newtec A/S Major Business

2.12.3 Newtec A/S Smart Optical Sorting Machines Product and Services

2.12.4 Newtec A/S Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 Newtec A/S Recent Developments/Updates

2.13 NRT Optical Sorting

2.13.1 NRT Optical Sorting Details

2.13.2 NRT Optical Sorting Major Business

2.13.3 NRT Optical Sorting Smart Optical Sorting Machines Product and Services

2.13.4 NRT Optical Sorting Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 NRT Optical Sorting Recent Developments/Updates

2.14 visicontrol GmbH

2.14.1 visicontrol GmbH Details

2.14.2 visicontrol GmbH Major Business

2.14.3 visicontrol GmbH Smart Optical Sorting Machines Product and Services

2.14.4 visicontrol GmbH Smart Optical Sorting Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 visicontrol GmbH Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SMART OPTICAL SORTING MACHINES BY MANUFACTURER

3.1 Global Smart Optical Sorting Machines Sales Quantity by Manufacturer (2020-2025)

3.2 Global Smart Optical Sorting Machines Revenue by Manufacturer (2020-2025)

3.3 Global Smart Optical Sorting Machines Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Smart Optical Sorting Machines by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Smart Optical Sorting Machines Manufacturer Market Share in 2024

3.4.3 Top 6 Smart Optical Sorting Machines Manufacturer Market Share in 2024

3.5 Smart Optical Sorting Machines Market: Overall Company Footprint Analysis

3.5.1 Smart Optical Sorting Machines Market: Region Footprint

3.5.2 Smart Optical Sorting Machines Market: Company Product Type Footprint

3.5.3 Smart Optical Sorting Machines Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Smart Optical Sorting Machines Market Size by Region

4.1.1 Global Smart Optical Sorting Machines Sales Quantity by Region (2020-2031)

4.1.2 Global Smart Optical Sorting Machines Consumption Value by Region (2020-2031)

4.1.3 Global Smart Optical Sorting Machines Average Price by Region (2020-2031)

4.2 North America Smart Optical Sorting Machines Consumption Value (2020-2031)

4.3 Europe Smart Optical Sorting Machines Consumption Value (2020-2031)

4.4 Asia-Pacific Smart Optical Sorting Machines Consumption Value (2020-2031)

4.5 South America Smart Optical Sorting Machines Consumption Value (2020-2031)

4.6 Middle East & Africa Smart Optical Sorting Machines Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Smart Optical Sorting Machines Sales Quantity by Type (2020-2031)

5.2 Global Smart Optical Sorting Machines Consumption Value by Type (2020-2031)

5.3 Global Smart Optical Sorting Machines Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Smart Optical Sorting Machines Sales Quantity by Application (2020-2031)

6.2 Global Smart Optical Sorting Machines Consumption Value by Application (2020-2031)

6.3 Global Smart Optical Sorting Machines Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America Smart Optical Sorting Machines Sales Quantity by Type (2020-2031)

7.2 North America Smart Optical Sorting Machines Sales Quantity by Application (2020-2031)

7.3 North America Smart Optical Sorting Machines Market Size by Country

7.3.1 North America Smart Optical Sorting Machines Sales Quantity by Country (2020-2031)

7.3.2 North America Smart Optical Sorting Machines Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Smart Optical Sorting Machines Sales Quantity by Type (2020-2031)

8.2 Europe Smart Optical Sorting Machines Sales Quantity by Application (2020-2031)

8.3 Europe Smart Optical Sorting Machines Market Size by Country

8.3.1 Europe Smart Optical Sorting Machines Sales Quantity by Country (2020-2031)

8.3.2 Europe Smart Optical Sorting Machines Consumption Value by Country (2020-2031)

- 8.3.3 Germany Market Size and Forecast (2020-2031)
- 8.3.4 France Market Size and Forecast (2020-2031)
- 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
- 8.3.6 Russia Market Size and Forecast (2020-2031)
- 8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Smart Optical Sorting Machines Sales Quantity by Type (2020-2031)
- 9.2 Asia-Pacific Smart Optical Sorting Machines Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific Smart Optical Sorting Machines Market Size by Region
 - 9.3.1 Asia-Pacific Smart Optical Sorting Machines Sales Quantity by Region (2020-2031)
 - 9.3.2 Asia-Pacific Smart Optical Sorting Machines Consumption Value by Region (2020-2031)
 - 9.3.3 China Market Size and Forecast (2020-2031)
 - 9.3.4 Japan Market Size and Forecast (2020-2031)
 - 9.3.5 South Korea Market Size and Forecast (2020-2031)
 - 9.3.6 India Market Size and Forecast (2020-2031)
 - 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
 - 9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

- 10.1 South America Smart Optical Sorting Machines Sales Quantity by Type (2020-2031)
- 10.2 South America Smart Optical Sorting Machines Sales Quantity by Application (2020-2031)
- 10.3 South America Smart Optical Sorting Machines Market Size by Country
 - 10.3.1 South America Smart Optical Sorting Machines Sales Quantity by Country (2020-2031)
 - 10.3.2 South America Smart Optical Sorting Machines Consumption Value by Country (2020-2031)
 - 10.3.3 Brazil Market Size and Forecast (2020-2031)
 - 10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Smart Optical Sorting Machines Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa Smart Optical Sorting Machines Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa Smart Optical Sorting Machines Market Size by Country
 - 11.3.1 Middle East & Africa Smart Optical Sorting Machines Sales Quantity by Country (2020-2031)
 - 11.3.2 Middle East & Africa Smart Optical Sorting Machines Consumption Value by Country (2020-2031)
 - 11.3.3 Turkey Market Size and Forecast (2020-2031)
 - 11.3.4 Egypt Market Size and Forecast (2020-2031)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
 - 11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

- 12.1 Smart Optical Sorting Machines Market Drivers
- 12.2 Smart Optical Sorting Machines Market Restraints
- 12.3 Smart Optical Sorting Machines Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Smart Optical Sorting Machines and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Smart Optical Sorting Machines
- 13.3 Smart Optical Sorting Machines Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Smart Optical Sorting Machines Typical Distributors

14.3 Smart Optical Sorting Machines Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Smart Optical Sorting Machines Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Smart Optical Sorting Machines Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. B?hler Group Basic Information, Manufacturing Base and Competitors

Table 4. B?hler Group Major Business

Table 5. B?hler Group Smart Optical Sorting Machines Product and Services

Table 6. B?hler Group Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. B?hler Group Recent Developments/Updates

Table 8. Raytec Vision Basic Information, Manufacturing Base and Competitors

Table 9. Raytec Vision Major Business

Table 10. Raytec Vision Smart Optical Sorting Machines Product and Services

Table 11. Raytec Vision Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Raytec Vision Recent Developments/Updates

Table 13. TOMRA Basic Information, Manufacturing Base and Competitors

Table 14. TOMRA Major Business

Table 15. TOMRA Smart Optical Sorting Machines Product and Services

Table 16. TOMRA Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. TOMRA Recent Developments/Updates

Table 18. Sesotec GmbH Basic Information, Manufacturing Base and Competitors

Table 19. Sesotec GmbH Major Business

Table 20. Sesotec GmbH Smart Optical Sorting Machines Product and Services

Table 21. Sesotec GmbH Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Sesotec GmbH Recent Developments/Updates

Table 23. Greefa Basic Information, Manufacturing Base and Competitors

Table 24. Greefa Major Business

Table 25. Greefa Smart Optical Sorting Machines Product and Services

Table 26. Greefa Smart Optical Sorting Machines Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Greefa Recent Developments/Updates

Table 28. Pellenc ST Basic Information, Manufacturing Base and Competitors

Table 29. Pellenc ST Major Business

Table 30. Pellenc ST Smart Optical Sorting Machines Product and Services

Table 31. Pellenc ST Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Pellenc ST Recent Developments/Updates

Table 33. Key Technology Basic Information, Manufacturing Base and Competitors

Table 34. Key Technology Major Business

Table 35. Key Technology Smart Optical Sorting Machines Product and Services

Table 36. Key Technology Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Key Technology Recent Developments/Updates

Table 38. Binder+Co AG Basic Information, Manufacturing Base and Competitors

Table 39. Binder+Co AG Major Business

Table 40. Binder+Co AG Smart Optical Sorting Machines Product and Services

Table 41. Binder+Co AG Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Binder+Co AG Recent Developments/Updates

Table 43. SATAKE Group Basic Information, Manufacturing Base and Competitors

Table 44. SATAKE Group Major Business

Table 45. SATAKE Group Smart Optical Sorting Machines Product and Services

Table 46. SATAKE Group Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. SATAKE Group Recent Developments/Updates

Table 48. Cimbria Basic Information, Manufacturing Base and Competitors

Table 49. Cimbria Major Business

Table 50. Cimbria Smart Optical Sorting Machines Product and Services

Table 51. Cimbria Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Cimbria Recent Developments/Updates

Table 53. CP Manufacturing Basic Information, Manufacturing Base and Competitors

Table 54. CP Manufacturing Major Business

Table 55. CP Manufacturing Smart Optical Sorting Machines Product and Services

Table 56. CP Manufacturing Smart Optical Sorting Machines Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. CP Manufacturing Recent Developments/Updates

Table 58. Newtec A/S Basic Information, Manufacturing Base and Competitors

Table 59. Newtec A/S Major Business

Table 60. Newtec A/S Smart Optical Sorting Machines Product and Services

Table 61. Newtec A/S Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Newtec A/S Recent Developments/Updates

Table 63. NRT Optical Sorting Basic Information, Manufacturing Base and Competitors

Table 64. NRT Optical Sorting Major Business

Table 65. NRT Optical Sorting Smart Optical Sorting Machines Product and Services

Table 66. NRT Optical Sorting Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. NRT Optical Sorting Recent Developments/Updates

Table 68. visicontrol GmbH Basic Information, Manufacturing Base and Competitors

Table 69. visicontrol GmbH Major Business

Table 70. visicontrol GmbH Smart Optical Sorting Machines Product and Services

Table 71. visicontrol GmbH Smart Optical Sorting Machines Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. visicontrol GmbH Recent Developments/Updates

Table 73. Global Smart Optical Sorting Machines Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 74. Global Smart Optical Sorting Machines Revenue by Manufacturer (2020-2025) & (USD Million)

Table 75. Global Smart Optical Sorting Machines Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 76. Market Position of Manufacturers in Smart Optical Sorting Machines, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 77. Head Office and Smart Optical Sorting Machines Production Site of Key Manufacturer

Table 78. Smart Optical Sorting Machines Market: Company Product Type Footprint

Table 79. Smart Optical Sorting Machines Market: Company Product Application Footprint

Table 80. Smart Optical Sorting Machines New Market Entrants and Barriers to Market Entry

Table 81. Smart Optical Sorting Machines Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global Smart Optical Sorting Machines Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 83. Global Smart Optical Sorting Machines Sales Quantity by Region (2020-2025) & (K Units)

Table 84. Global Smart Optical Sorting Machines Sales Quantity by Region (2026-2031) & (K Units)

Table 85. Global Smart Optical Sorting Machines Consumption Value by Region (2020-2025) & (USD Million)

Table 86. Global Smart Optical Sorting Machines Consumption Value by Region (2026-2031) & (USD Million)

Table 87. Global Smart Optical Sorting Machines Average Price by Region (2020-2025) & (US\$/Unit)

Table 88. Global Smart Optical Sorting Machines Average Price by Region (2026-2031) & (US\$/Unit)

Table 89. Global Smart Optical Sorting Machines Sales Quantity by Type (2020-2025) & (K Units)

Table 90. Global Smart Optical Sorting Machines Sales Quantity by Type (2026-2031) & (K Units)

Table 91. Global Smart Optical Sorting Machines Consumption Value by Type (2020-2025) & (USD Million)

Table 92. Global Smart Optical Sorting Machines Consumption Value by Type (2026-2031) & (USD Million)

Table 93. Global Smart Optical Sorting Machines Average Price by Type (2020-2025) & (US\$/Unit)

Table 94. Global Smart Optical Sorting Machines Average Price by Type (2026-2031) & (US\$/Unit)

Table 95. Global Smart Optical Sorting Machines Sales Quantity by Application (2020-2025) & (K Units)

Table 96. Global Smart Optical Sorting Machines Sales Quantity by Application (2026-2031) & (K Units)

Table 97. Global Smart Optical Sorting Machines Consumption Value by Application (2020-2025) & (USD Million)

Table 98. Global Smart Optical Sorting Machines Consumption Value by Application (2026-2031) & (USD Million)

Table 99. Global Smart Optical Sorting Machines Average Price by Application (2020-2025) & (US\$/Unit)

Table 100. Global Smart Optical Sorting Machines Average Price by Application

(2026-2031) & (US\$/Unit)

Table 101. North America Smart Optical Sorting Machines Sales Quantity by Type (2020-2025) & (K Units)

Table 102. North America Smart Optical Sorting Machines Sales Quantity by Type (2026-2031) & (K Units)

Table 103. North America Smart Optical Sorting Machines Sales Quantity by Application (2020-2025) & (K Units)

Table 104. North America Smart Optical Sorting Machines Sales Quantity by Application (2026-2031) & (K Units)

Table 105. North America Smart Optical Sorting Machines Sales Quantity by Country (2020-2025) & (K Units)

Table 106. North America Smart Optical Sorting Machines Sales Quantity by Country (2026-2031) & (K Units)

Table 107. North America Smart Optical Sorting Machines Consumption Value by Country (2020-2025) & (USD Million)

Table 108. North America Smart Optical Sorting Machines Consumption Value by Country (2026-2031) & (USD Million)

Table 109. Europe Smart Optical Sorting Machines Sales Quantity by Type (2020-2025) & (K Units)

Table 110. Europe Smart Optical Sorting Machines Sales Quantity by Type (2026-2031) & (K Units)

Table 111. Europe Smart Optical Sorting Machines Sales Quantity by Application (2020-2025) & (K Units)

Table 112. Europe Smart Optical Sorting Machines Sales Quantity by Application (2026-2031) & (K Units)

Table 113. Europe Smart Optical Sorting Machines Sales Quantity by Country (2020-2025) & (K Units)

Table 114. Europe Smart Optical Sorting Machines Sales Quantity by Country (2026-2031) & (K Units)

Table 115. Europe Smart Optical Sorting Machines Consumption Value by Country (2020-2025) & (USD Million)

Table 116. Europe Smart Optical Sorting Machines Consumption Value by Country (2026-2031) & (USD Million)

Table 117. Asia-Pacific Smart Optical Sorting Machines Sales Quantity by Type (2020-2025) & (K Units)

Table 118. Asia-Pacific Smart Optical Sorting Machines Sales Quantity by Type (2026-2031) & (K Units)

Table 119. Asia-Pacific Smart Optical Sorting Machines Sales Quantity by Application (2020-2025) & (K Units)

Table 120. Asia-Pacific Smart Optical Sorting Machines Sales Quantity by Application (2026-2031) & (K Units)

Table 121. Asia-Pacific Smart Optical Sorting Machines Sales Quantity by Region (2020-2025) & (K Units)

Table 122. Asia-Pacific Smart Optical Sorting Machines Sales Quantity by Region (2026-2031) & (K Units)

Table 123. Asia-Pacific Smart Optical Sorting Machines Consumption Value by Region (2020-2025) & (USD Million)

Table 124. Asia-Pacific Smart Optical Sorting Machines Consumption Value by Region (2026-2031) & (USD Million)

Table 125. South America Smart Optical Sorting Machines Sales Quantity by Type (2020-2025) & (K Units)

Table 126. South America Smart Optical Sorting Machines Sales Quantity by Type (2026-2031) & (K Units)

Table 127. South America Smart Optical Sorting Machines Sales Quantity by Application (2020-2025) & (K Units)

Table 128. South America Smart Optical Sorting Machines Sales Quantity by Application (2026-2031) & (K Units)

Table 129. South America Smart Optical Sorting Machines Sales Quantity by Country (2020-2025) & (K Units)

Table 130. South America Smart Optical Sorting Machines Sales Quantity by Country (2026-2031) & (K Units)

Table 131. South America Smart Optical Sorting Machines Consumption Value by Country (2020-2025) & (USD Million)

Table 132. South America Smart Optical Sorting Machines Consumption Value by Country (2026-2031) & (USD Million)

Table 133. Middle East & Africa Smart Optical Sorting Machines Sales Quantity by Type (2020-2025) & (K Units)

Table 134. Middle East & Africa Smart Optical Sorting Machines Sales Quantity by Type (2026-2031) & (K Units)

Table 135. Middle East & Africa Smart Optical Sorting Machines Sales Quantity by Application (2020-2025) & (K Units)

Table 136. Middle East & Africa Smart Optical Sorting Machines Sales Quantity by Application (2026-2031) & (K Units)

Table 137. Middle East & Africa Smart Optical Sorting Machines Sales Quantity by Country (2020-2025) & (K Units)

Table 138. Middle East & Africa Smart Optical Sorting Machines Sales Quantity by Country (2026-2031) & (K Units)

Table 139. Middle East & Africa Smart Optical Sorting Machines Consumption Value by

Country (2020-2025) & (USD Million)

Table 140. Middle East & Africa Smart Optical Sorting Machines Consumption Value by Country (2026-2031) & (USD Million)

Table 141. Smart Optical Sorting Machines Raw Material

Table 142. Key Manufacturers of Smart Optical Sorting Machines Raw Materials

Table 143. Smart Optical Sorting Machines Typical Distributors

Table 144. Smart Optical Sorting Machines Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Smart Optical Sorting Machines Picture

Figure 2. Global Smart Optical Sorting Machines Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Smart Optical Sorting Machines Revenue Market Share by Type in 2024

Figure 4. Camera Examples

Figure 5. Laser Examples

Figure 6. NIR Examples

Figure 7. X-ray Examples

Figure 8. Others Examples

Figure 9. Global Smart Optical Sorting Machines Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 10. Global Smart Optical Sorting Machines Revenue Market Share by Application in 2024

Figure 11. Food Processing Examples

Figure 12. Waste Recycling Examples

Figure 13. Mining Examples

Figure 14. Others Examples

Figure 15. Global Smart Optical Sorting Machines Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 16. Global Smart Optical Sorting Machines Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 17. Global Smart Optical Sorting Machines Sales Quantity (2020-2031) & (K Units)

Figure 18. Global Smart Optical Sorting Machines Price (2020-2031) & (US\$/Unit)

Figure 19. Global Smart Optical Sorting Machines Sales Quantity Market Share by Manufacturer in 2024

Figure 20. Global Smart Optical Sorting Machines Revenue Market Share by Manufacturer in 2024

Figure 21. Producer Shipments of Smart Optical Sorting Machines by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 22. Top 3 Smart Optical Sorting Machines Manufacturer (Revenue) Market Share in 2024

Figure 23. Top 6 Smart Optical Sorting Machines Manufacturer (Revenue) Market Share in 2024

Figure 24. Global Smart Optical Sorting Machines Sales Quantity Market Share by Region (2020-2031)

Figure 25. Global Smart Optical Sorting Machines Consumption Value Market Share by Region (2020-2031)

Figure 26. North America Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 27. Europe Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 28. Asia-Pacific Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 29. South America Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 30. Middle East & Africa Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 31. Global Smart Optical Sorting Machines Sales Quantity Market Share by Type (2020-2031)

Figure 32. Global Smart Optical Sorting Machines Consumption Value Market Share by Type (2020-2031)

Figure 33. Global Smart Optical Sorting Machines Average Price by Type (2020-2031) & (US\$/Unit)

Figure 34. Global Smart Optical Sorting Machines Sales Quantity Market Share by Application (2020-2031)

Figure 35. Global Smart Optical Sorting Machines Revenue Market Share by Application (2020-2031)

Figure 36. Global Smart Optical Sorting Machines Average Price by Application (2020-2031) & (US\$/Unit)

Figure 37. North America Smart Optical Sorting Machines Sales Quantity Market Share by Type (2020-2031)

Figure 38. North America Smart Optical Sorting Machines Sales Quantity Market Share by Application (2020-2031)

Figure 39. North America Smart Optical Sorting Machines Sales Quantity Market Share by Country (2020-2031)

Figure 40. North America Smart Optical Sorting Machines Consumption Value Market Share by Country (2020-2031)

Figure 41. United States Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 42. Canada Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 43. Mexico Smart Optical Sorting Machines Consumption Value (2020-2031) &

(USD Million)

Figure 44. Europe Smart Optical Sorting Machines Sales Quantity Market Share by Type (2020-2031)

Figure 45. Europe Smart Optical Sorting Machines Sales Quantity Market Share by Application (2020-2031)

Figure 46. Europe Smart Optical Sorting Machines Sales Quantity Market Share by Country (2020-2031)

Figure 47. Europe Smart Optical Sorting Machines Consumption Value Market Share by Country (2020-2031)

Figure 48. Germany Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 49. France Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 50. United Kingdom Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 51. Russia Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 52. Italy Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 53. Asia-Pacific Smart Optical Sorting Machines Sales Quantity Market Share by Type (2020-2031)

Figure 54. Asia-Pacific Smart Optical Sorting Machines Sales Quantity Market Share by Application (2020-2031)

Figure 55. Asia-Pacific Smart Optical Sorting Machines Sales Quantity Market Share by Region (2020-2031)

Figure 56. Asia-Pacific Smart Optical Sorting Machines Consumption Value Market Share by Region (2020-2031)

Figure 57. China Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 58. Japan Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 59. South Korea Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 60. India Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 61. Southeast Asia Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 62. Australia Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 63. South America Smart Optical Sorting Machines Sales Quantity Market Share by Type (2020-2031)

Figure 64. South America Smart Optical Sorting Machines Sales Quantity Market Share by Application (2020-2031)

Figure 65. South America Smart Optical Sorting Machines Sales Quantity Market Share by Country (2020-2031)

Figure 66. South America Smart Optical Sorting Machines Consumption Value Market Share by Country (2020-2031)

Figure 67. Brazil Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 68. Argentina Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 69. Middle East & Africa Smart Optical Sorting Machines Sales Quantity Market Share by Type (2020-2031)

Figure 70. Middle East & Africa Smart Optical Sorting Machines Sales Quantity Market Share by Application (2020-2031)

Figure 71. Middle East & Africa Smart Optical Sorting Machines Sales Quantity Market Share by Country (2020-2031)

Figure 72. Middle East & Africa Smart Optical Sorting Machines Consumption Value Market Share by Country (2020-2031)

Figure 73. Turkey Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 74. Egypt Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 75. Saudi Arabia Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 76. South Africa Smart Optical Sorting Machines Consumption Value (2020-2031) & (USD Million)

Figure 77. Smart Optical Sorting Machines Market Drivers

Figure 78. Smart Optical Sorting Machines Market Restraints

Figure 79. Smart Optical Sorting Machines Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of Smart Optical Sorting Machines in 2024

Figure 82. Manufacturing Process Analysis of Smart Optical Sorting Machines

Figure 83. Smart Optical Sorting Machines Industrial Chain

Figure 84. Sales Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons

Figure 86. Indirect Channel Pros & Cons

Figure 87. Methodology

Figure 88. Research Process and Data Source

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