

Global Tracking-type Optical Pen Measurement System Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GAD8D2324062EN.html>

Date: July 2026

Pages: 99

Price: US\$ 3,480.00 (Single User License)

ID: GAD8D2324062EN

Abstracts

According to our (Global Info Research) latest study, the global Tracking-type Optical Pen Measurement System market size was valued at US\$ 108 million in 2025 and is forecast to a readjusted size of US\$ 177 million by 2032 with a CAGR of 7.0% during review period.

In 2025, global sales of Tracking-type Optical Pen Measurement System reached approximately 1,500?1,650 units, with an average market price of about USD 64000?70000 unit, an annual production capacity of roughly 1,800?1,950 units, and an industry-average gross margin of approximately 40%.

A Tracking-type Optical Pen Measurement System is a portable industrial metrology system designed for shop-floor and in-situ dimensional inspection. It typically integrates an optical tracker or camera-based tracking unit, a handheld light pen or wireless tactile probe, ruby-ball styli, reference targets, computing hardware and metrology software. By using optical tracking, photogrammetry, infrared target recognition or six-degree-of-freedom pose calculation, the system determines the spatial position and orientation of the handheld probe and converts each probe contact into accurate 3D coordinate data. The system is primarily used for dimensional inspection, GD&T verification, fixture adjustment, benchmark marking, large-part assembly, reverse engineering and production-site quality control. This study focuses on portable optical CMMs, optical tracking probe systems, light-pen-type coordinate measuring systems and reverse-positioning CMMs used in industrial measurement environments.

This report is a detailed and comprehensive analysis for global Tracking-type Optical Pen Measurement System 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 Tracking-type Optical Pen Measurement System market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Tracking-type Optical Pen Measurement System market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Tracking-type Optical Pen Measurement System market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Tracking-type Optical Pen Measurement System market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

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 Tracking-type Optical Pen Measurement System

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 Tracking-type Optical Pen Measurement System 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 AMETEK, KEYENCE CORPORATION, Metronor AS, Hexagon AB, SCANTECH (HANGZHOU) CO., LTD., Automated Precision Inc., SHINING 3D Tech Co., Ltd., Polyga Inc., ZG TECHNOLOGY CO., LTD., etc.

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

Market Segmentation

Tracking-type Optical Pen Measurement System market is split by Type and by Application. For the period 2021-2032, 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

Tactile Point Measurement

Tactile Scanning Probing

Market segment by Technology

Infrared LED Tracking

Photogrammetry-based Tracking

Market segment by Application

Aerospace

Automotive

Rail and Shipbuilding

Others

Major players covered

AMETEK

KEYENCE CORPORATION

Metronor AS

Hexagon AB

SCANTECH (HANGZHOU) CO., LTD.

Automated Precision Inc.

SHINING 3D Tech Co., Ltd.

Polyga Inc.

ZG TECHNOLOGY CO., LTD.

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 Tracking-type Optical Pen Measurement System product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Tracking-type Optical Pen Measurement System, with price, sales quantity, revenue, and global market share of Tracking-type Optical Pen Measurement System from 2021 to 2026.

Chapter 3, the Tracking-type Optical Pen Measurement System competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Tracking-type Optical Pen Measurement System breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Tracking-type Optical Pen Measurement System market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Tracking-type Optical Pen Measurement System.

Chapter 14 and 15, to describe Tracking-type Optical Pen Measurement System 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 Tracking-type Optical Pen Measurement System Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Tactile Point Measurement

1.3.3 Tactile Scanning Probing

1.4 Market Analysis by Technology

1.4.1 Overview: Global Tracking-type Optical Pen Measurement System Consumption Value by Technology: 2021 Versus 2025 Versus 2032

1.4.2 Infrared LED Tracking

1.4.3 Photogrammetry-based Tracking

1.5 Market Analysis by Application

1.5.1 Overview: Global Tracking-type Optical Pen Measurement System Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 Aerospace

1.5.3 Automotive

1.5.4 Rail and Shipbuilding

1.5.5 Others

1.6 Global Tracking-type Optical Pen Measurement System Market Size & Forecast

1.6.1 Global Tracking-type Optical Pen Measurement System Consumption Value (2021 & 2025 & 2032)

1.6.2 Global Tracking-type Optical Pen Measurement System Sales Quantity (2021-2032)

1.6.3 Global Tracking-type Optical Pen Measurement System Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 AMETEK

2.1.1 AMETEK Details

2.1.2 AMETEK Major Business

2.1.3 AMETEK Tracking-type Optical Pen Measurement System Product and Services

2.1.4 AMETEK Tracking-type Optical Pen Measurement System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

- 2.1.5 AMETEK Recent Developments/Updates
- 2.2 KEYENCE CORPORATION
 - 2.2.1 KEYENCE CORPORATION Details
 - 2.2.2 KEYENCE CORPORATION Major Business
 - 2.2.3 KEYENCE CORPORATION Tracking-type Optical Pen Measurement System Product and Services
 - 2.2.4 KEYENCE CORPORATION Tracking-type Optical Pen Measurement System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 KEYENCE CORPORATION Recent Developments/Updates
- 2.3 Metronor AS
 - 2.3.1 Metronor AS Details
 - 2.3.2 Metronor AS Major Business
 - 2.3.3 Metronor AS Tracking-type Optical Pen Measurement System Product and Services
 - 2.3.4 Metronor AS Tracking-type Optical Pen Measurement System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Metronor AS Recent Developments/Updates
- 2.4 Hexagon AB
 - 2.4.1 Hexagon AB Details
 - 2.4.2 Hexagon AB Major Business
 - 2.4.3 Hexagon AB Tracking-type Optical Pen Measurement System Product and Services
 - 2.4.4 Hexagon AB Tracking-type Optical Pen Measurement System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Hexagon AB Recent Developments/Updates
- 2.5 SCANTECH (HANGZHOU) CO., LTD.
 - 2.5.1 SCANTECH (HANGZHOU) CO., LTD. Details
 - 2.5.2 SCANTECH (HANGZHOU) CO., LTD. Major Business
 - 2.5.3 SCANTECH (HANGZHOU) CO., LTD. Tracking-type Optical Pen Measurement System Product and Services
 - 2.5.4 SCANTECH (HANGZHOU) CO., LTD. Tracking-type Optical Pen Measurement System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 SCANTECH (HANGZHOU) CO., LTD. Recent Developments/Updates
- 2.6 Automated Precision Inc.
 - 2.6.1 Automated Precision Inc. Details
 - 2.6.2 Automated Precision Inc. Major Business
 - 2.6.3 Automated Precision Inc. Tracking-type Optical Pen Measurement System Product and Services

2.6.4 Automated Precision Inc. Tracking-type Optical Pen Measurement System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Automated Precision Inc. Recent Developments/Updates

2.7 SHINING 3D Tech Co., Ltd.

2.7.1 SHINING 3D Tech Co., Ltd. Details

2.7.2 SHINING 3D Tech Co., Ltd. Major Business

2.7.3 SHINING 3D Tech Co., Ltd. Tracking-type Optical Pen Measurement System Product and Services

2.7.4 SHINING 3D Tech Co., Ltd. Tracking-type Optical Pen Measurement System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 SHINING 3D Tech Co., Ltd. Recent Developments/Updates

2.8 Polyga Inc.

2.8.1 Polyga Inc. Details

2.8.2 Polyga Inc. Major Business

2.8.3 Polyga Inc. Tracking-type Optical Pen Measurement System Product and Services

2.8.4 Polyga Inc. Tracking-type Optical Pen Measurement System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Polyga Inc. Recent Developments/Updates

2.9 ZG TECHNOLOGY CO., LTD.

2.9.1 ZG TECHNOLOGY CO., LTD. Details

2.9.2 ZG TECHNOLOGY CO., LTD. Major Business

2.9.3 ZG TECHNOLOGY CO., LTD. Tracking-type Optical Pen Measurement System Product and Services

2.9.4 ZG TECHNOLOGY CO., LTD. Tracking-type Optical Pen Measurement System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 ZG TECHNOLOGY CO., LTD. Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: TRACKING-TYPE OPTICAL PEN MEASUREMENT SYSTEM BY MANUFACTURER

3.1 Global Tracking-type Optical Pen Measurement System Sales Quantity by Manufacturer (2021-2026)

3.2 Global Tracking-type Optical Pen Measurement System Revenue by Manufacturer (2021-2026)

3.3 Global Tracking-type Optical Pen Measurement System Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Tracking-type Optical Pen Measurement System by

Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Tracking-type Optical Pen Measurement System Manufacturer Market Share in 2025

3.4.3 Top 6 Tracking-type Optical Pen Measurement System Manufacturer Market Share in 2025

3.5 Tracking-type Optical Pen Measurement System Market: Overall Company Footprint Analysis

3.5.1 Tracking-type Optical Pen Measurement System Market: Region Footprint

3.5.2 Tracking-type Optical Pen Measurement System Market: Company Product Type Footprint

3.5.3 Tracking-type Optical Pen Measurement System 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 Tracking-type Optical Pen Measurement System Market Size by Region

4.1.1 Global Tracking-type Optical Pen Measurement System Sales Quantity by Region (2021-2032)

4.1.2 Global Tracking-type Optical Pen Measurement System Consumption Value by Region (2021-2032)

4.1.3 Global Tracking-type Optical Pen Measurement System Average Price by Region (2021-2032)

4.2 North America Tracking-type Optical Pen Measurement System Consumption Value (2021-2032)

4.3 Europe Tracking-type Optical Pen Measurement System Consumption Value (2021-2032)

4.4 Asia-Pacific Tracking-type Optical Pen Measurement System Consumption Value (2021-2032)

4.5 South America Tracking-type Optical Pen Measurement System Consumption Value (2021-2032)

4.6 Middle East & Africa Tracking-type Optical Pen Measurement System Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2032)

5.2 Global Tracking-type Optical Pen Measurement System Consumption Value by Type (2021-2032)

5.3 Global Tracking-type Optical Pen Measurement System Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2032)

6.2 Global Tracking-type Optical Pen Measurement System Consumption Value by Application (2021-2032)

6.3 Global Tracking-type Optical Pen Measurement System Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2032)

7.2 North America Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2032)

7.3 North America Tracking-type Optical Pen Measurement System Market Size by Country

7.3.1 North America Tracking-type Optical Pen Measurement System Sales Quantity by Country (2021-2032)

7.3.2 North America Tracking-type Optical Pen Measurement System Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2032)

8.2 Europe Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2032)

8.3 Europe Tracking-type Optical Pen Measurement System Market Size by Country

8.3.1 Europe Tracking-type Optical Pen Measurement System Sales Quantity by Country (2021-2032)

8.3.2 Europe Tracking-type Optical Pen Measurement System Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Tracking-type Optical Pen Measurement System Market Size by Region

9.3.1 Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Tracking-type Optical Pen Measurement System Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2032)

10.2 South America Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2032)

10.3 South America Tracking-type Optical Pen Measurement System Market Size by Country

10.3.1 South America Tracking-type Optical Pen Measurement System Sales Quantity by Country (2021-2032)

10.3.2 South America Tracking-type Optical Pen Measurement System Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Tracking-type Optical Pen Measurement System Market Size by Country

11.3.1 Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Tracking-type Optical Pen Measurement System Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Tracking-type Optical Pen Measurement System Market Drivers

12.2 Tracking-type Optical Pen Measurement System Market Restraints

12.3 Tracking-type Optical Pen Measurement System 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 Tracking-type Optical Pen Measurement System and Key Manufacturers

13.2 Manufacturing Costs Percentage of Tracking-type Optical Pen Measurement System

13.3 Tracking-type Optical Pen Measurement System 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 Tracking-type Optical Pen Measurement System Typical Distributors

14.3 Tracking-type Optical Pen Measurement System 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 Tracking-type Optical Pen Measurement System Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Tracking-type Optical Pen Measurement System Consumption Value by Technology, (USD Million), 2021 & 2025 & 2032

Table 3. Global Tracking-type Optical Pen Measurement System Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. AMETEK Basic Information, Manufacturing Base and Competitors

Table 5. AMETEK Major Business

Table 6. AMETEK Tracking-type Optical Pen Measurement System Product and Services

Table 7. AMETEK Tracking-type Optical Pen Measurement System Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. AMETEK Recent Developments/Updates

Table 9. KEYENCE CORPORATION Basic Information, Manufacturing Base and Competitors

Table 10. KEYENCE CORPORATION Major Business

Table 11. KEYENCE CORPORATION Tracking-type Optical Pen Measurement System Product and Services

Table 12. KEYENCE CORPORATION Tracking-type Optical Pen Measurement System Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. KEYENCE CORPORATION Recent Developments/Updates

Table 14. Metronor AS Basic Information, Manufacturing Base and Competitors

Table 15. Metronor AS Major Business

Table 16. Metronor AS Tracking-type Optical Pen Measurement System Product and Services

Table 17. Metronor AS Tracking-type Optical Pen Measurement System Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Metronor AS Recent Developments/Updates

Table 19. Hexagon AB Basic Information, Manufacturing Base and Competitors

Table 20. Hexagon AB Major Business

Table 21. Hexagon AB Tracking-type Optical Pen Measurement System Product and Services

Table 22. Hexagon AB Tracking-type Optical Pen Measurement System Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Hexagon AB Recent Developments/Updates

Table 24. SCANTECH (HANGZHOU) CO., LTD. Basic Information, Manufacturing Base and Competitors

Table 25. SCANTECH (HANGZHOU) CO., LTD. Major Business

Table 26. SCANTECH (HANGZHOU) CO., LTD. Tracking-type Optical Pen Measurement System Product and Services

Table 27. SCANTECH (HANGZHOU) CO., LTD. Tracking-type Optical Pen Measurement System Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. SCANTECH (HANGZHOU) CO., LTD. Recent Developments/Updates

Table 29. Automated Precision Inc. Basic Information, Manufacturing Base and Competitors

Table 30. Automated Precision Inc. Major Business

Table 31. Automated Precision Inc. Tracking-type Optical Pen Measurement System Product and Services

Table 32. Automated Precision Inc. Tracking-type Optical Pen Measurement System Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Automated Precision Inc. Recent Developments/Updates

Table 34. SHINING 3D Tech Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 35. SHINING 3D Tech Co., Ltd. Major Business

Table 36. SHINING 3D Tech Co., Ltd. Tracking-type Optical Pen Measurement System Product and Services

Table 37. SHINING 3D Tech Co., Ltd. Tracking-type Optical Pen Measurement System Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. SHINING 3D Tech Co., Ltd. Recent Developments/Updates

Table 39. Polyga Inc. Basic Information, Manufacturing Base and Competitors

Table 40. Polyga Inc. Major Business

Table 41. Polyga Inc. Tracking-type Optical Pen Measurement System Product and Services

Table 42. Polyga Inc. Tracking-type Optical Pen Measurement System Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. Polyga Inc. Recent Developments/Updates

Table 44. ZG TECHNOLOGY CO., LTD. Basic Information, Manufacturing Base and Competitors

Table 45. ZG TECHNOLOGY CO., LTD. Major Business

Table 46. ZG TECHNOLOGY CO., LTD. Tracking-type Optical Pen Measurement System Product and Services

Table 47. ZG TECHNOLOGY CO., LTD. Tracking-type Optical Pen Measurement System Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. ZG TECHNOLOGY CO., LTD. Recent Developments/Updates

Table 49. Global Tracking-type Optical Pen Measurement System Sales Quantity by Manufacturer (2021-2026) & (Units)

Table 50. Global Tracking-type Optical Pen Measurement System Revenue by Manufacturer (2021-2026) & (USD Million)

Table 51. Global Tracking-type Optical Pen Measurement System Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 52. Market Position of Manufacturers in Tracking-type Optical Pen Measurement System, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 53. Head Office and Tracking-type Optical Pen Measurement System Production Site of Key Manufacturer

Table 54. Tracking-type Optical Pen Measurement System Market: Company Product Type Footprint

Table 55. Tracking-type Optical Pen Measurement System Market: Company Product Application Footprint

Table 56. Tracking-type Optical Pen Measurement System New Market Entrants and Barriers to Market Entry

Table 57. Tracking-type Optical Pen Measurement System Mergers, Acquisition, Agreements, and Collaborations

Table 58. Global Tracking-type Optical Pen Measurement System Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 59. Global Tracking-type Optical Pen Measurement System Sales Quantity by Region (2021-2026) & (Units)

Table 60. Global Tracking-type Optical Pen Measurement System Sales Quantity by Region (2027-2032) & (Units)

Table 61. Global Tracking-type Optical Pen Measurement System Consumption Value by Region (2021-2026) & (USD Million)

Table 62. Global Tracking-type Optical Pen Measurement System Consumption Value by Region (2027-2032) & (USD Million)

Table 63. Global Tracking-type Optical Pen Measurement System Average Price by Region (2021-2026) & (US\$/Unit)

Table 64. Global Tracking-type Optical Pen Measurement System Average Price by Region (2027-2032) & (US\$/Unit)

Table 65. Global Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2026) & (Units)

Table 66. Global Tracking-type Optical Pen Measurement System Sales Quantity by Type (2027-2032) & (Units)

Table 67. Global Tracking-type Optical Pen Measurement System Consumption Value by Type (2021-2026) & (USD Million)

Table 68. Global Tracking-type Optical Pen Measurement System Consumption Value by Type (2027-2032) & (USD Million)

Table 69. Global Tracking-type Optical Pen Measurement System Average Price by Type (2021-2026) & (US\$/Unit)

Table 70. Global Tracking-type Optical Pen Measurement System Average Price by Type (2027-2032) & (US\$/Unit)

Table 71. Global Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2026) & (Units)

Table 72. Global Tracking-type Optical Pen Measurement System Sales Quantity by Application (2027-2032) & (Units)

Table 73. Global Tracking-type Optical Pen Measurement System Consumption Value by Application (2021-2026) & (USD Million)

Table 74. Global Tracking-type Optical Pen Measurement System Consumption Value by Application (2027-2032) & (USD Million)

Table 75. Global Tracking-type Optical Pen Measurement System Average Price by Application (2021-2026) & (US\$/Unit)

Table 76. Global Tracking-type Optical Pen Measurement System Average Price by Application (2027-2032) & (US\$/Unit)

Table 77. North America Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2026) & (Units)

Table 78. North America Tracking-type Optical Pen Measurement System Sales Quantity by Type (2027-2032) & (Units)

Table 79. North America Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2026) & (Units)

Table 80. North America Tracking-type Optical Pen Measurement System Sales Quantity by Application (2027-2032) & (Units)

Table 81. North America Tracking-type Optical Pen Measurement System Sales Quantity by Country (2021-2026) & (Units)

Table 82. North America Tracking-type Optical Pen Measurement System Sales Quantity by Country (2027-2032) & (Units)

Table 83. North America Tracking-type Optical Pen Measurement System Consumption

Value by Country (2021-2026) & (USD Million)

Table 84. North America Tracking-type Optical Pen Measurement System Consumption

Value by Country (2027-2032) & (USD Million)

Table 85. Europe Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2026) & (Units)

Table 86. Europe Tracking-type Optical Pen Measurement System Sales Quantity by Type (2027-2032) & (Units)

Table 87. Europe Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2026) & (Units)

Table 88. Europe Tracking-type Optical Pen Measurement System Sales Quantity by Application (2027-2032) & (Units)

Table 89. Europe Tracking-type Optical Pen Measurement System Sales Quantity by Country (2021-2026) & (Units)

Table 90. Europe Tracking-type Optical Pen Measurement System Sales Quantity by Country (2027-2032) & (Units)

Table 91. Europe Tracking-type Optical Pen Measurement System Consumption Value by Country (2021-2026) & (USD Million)

Table 92. Europe Tracking-type Optical Pen Measurement System Consumption Value by Country (2027-2032) & (USD Million)

Table 93. Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2026) & (Units)

Table 94. Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity by Type (2027-2032) & (Units)

Table 95. Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2026) & (Units)

Table 96. Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity by Application (2027-2032) & (Units)

Table 97. Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity by Region (2021-2026) & (Units)

Table 98. Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity by Region (2027-2032) & (Units)

Table 99. Asia-Pacific Tracking-type Optical Pen Measurement System Consumption Value by Region (2021-2026) & (USD Million)

Table 100. Asia-Pacific Tracking-type Optical Pen Measurement System Consumption Value by Region (2027-2032) & (USD Million)

Table 101. South America Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2026) & (Units)

Table 102. South America Tracking-type Optical Pen Measurement System Sales Quantity by Type (2027-2032) & (Units)

Table 103. South America Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2026) & (Units)

Table 104. South America Tracking-type Optical Pen Measurement System Sales Quantity by Application (2027-2032) & (Units)

Table 105. South America Tracking-type Optical Pen Measurement System Sales Quantity by Country (2021-2026) & (Units)

Table 106. South America Tracking-type Optical Pen Measurement System Sales Quantity by Country (2027-2032) & (Units)

Table 107. South America Tracking-type Optical Pen Measurement System Consumption Value by Country (2021-2026) & (USD Million)

Table 108. South America Tracking-type Optical Pen Measurement System Consumption Value by Country (2027-2032) & (USD Million)

Table 109. Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity by Type (2021-2026) & (Units)

Table 110. Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity by Type (2027-2032) & (Units)

Table 111. Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity by Application (2021-2026) & (Units)

Table 112. Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity by Application (2027-2032) & (Units)

Table 113. Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity by Country (2021-2026) & (Units)

Table 114. Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity by Country (2027-2032) & (Units)

Table 115. Middle East & Africa Tracking-type Optical Pen Measurement System Consumption Value by Country (2021-2026) & (USD Million)

Table 116. Middle East & Africa Tracking-type Optical Pen Measurement System Consumption Value by Country (2027-2032) & (USD Million)

Table 117. Tracking-type Optical Pen Measurement System Raw Material

Table 118. Key Manufacturers of Tracking-type Optical Pen Measurement System Raw Materials

Table 119. Tracking-type Optical Pen Measurement System Typical Distributors

Table 120. Tracking-type Optical Pen Measurement System Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Tracking-type Optical Pen Measurement System Picture
- Figure 2. Global Tracking-type Optical Pen Measurement System Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Tracking-type Optical Pen Measurement System Revenue Market Share by Type in 2025
- Figure 4. Tactile Point Measurement Examples
- Figure 5. Tactile Scanning Probing Examples
- Figure 6. Global Tracking-type Optical Pen Measurement System Revenue by Technology, (USD Million), 2021 & 2025 & 2032
- Figure 7. Global Tracking-type Optical Pen Measurement System Revenue Market Share by Technology in 2025
- Figure 8. Infrared LED Tracking Examples
- Figure 9. Photogrammetry-based Tracking Examples
- Figure 10. Global Tracking-type Optical Pen Measurement System Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 11. Global Tracking-type Optical Pen Measurement System Revenue Market Share by Application in 2025
- Figure 12. Aerospace Examples
- Figure 13. Automotive Examples
- Figure 14. Rail and Shipbuilding Examples
- Figure 15. Others Examples
- Figure 16. Global Tracking-type Optical Pen Measurement System Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 17. Global Tracking-type Optical Pen Measurement System Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 18. Global Tracking-type Optical Pen Measurement System Sales Quantity (2021-2032) & (Units)
- Figure 19. Global Tracking-type Optical Pen Measurement System Price (2021-2032) & (US\$/Unit)
- Figure 20. Global Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Manufacturer in 2025
- Figure 21. Global Tracking-type Optical Pen Measurement System Revenue Market Share by Manufacturer in 2025
- Figure 22. Producer Shipments of Tracking-type Optical Pen Measurement System by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 23. Top 3 Tracking-type Optical Pen Measurement System Manufacturer (Revenue) Market Share in 2025

Figure 24. Top 6 Tracking-type Optical Pen Measurement System Manufacturer (Revenue) Market Share in 2025

Figure 25. Global Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Region (2021-2032)

Figure 26. Global Tracking-type Optical Pen Measurement System Consumption Value Market Share by Region (2021-2032)

Figure 27. North America Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 28. Europe Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 29. Asia-Pacific Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 30. South America Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 31. Middle East & Africa Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 32. Global Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Type (2021-2032)

Figure 33. Global Tracking-type Optical Pen Measurement System Consumption Value Market Share by Type (2021-2032)

Figure 34. Global Tracking-type Optical Pen Measurement System Average Price by Type (2021-2032) & (US\$/Unit)

Figure 35. Global Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Application (2021-2032)

Figure 36. Global Tracking-type Optical Pen Measurement System Revenue Market Share by Application (2021-2032)

Figure 37. Global Tracking-type Optical Pen Measurement System Average Price by Application (2021-2032) & (US\$/Unit)

Figure 38. North America Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Type (2021-2032)

Figure 39. North America Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Application (2021-2032)

Figure 40. North America Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Country (2021-2032)

Figure 41. North America Tracking-type Optical Pen Measurement System Consumption Value Market Share by Country (2021-2032)

Figure 42. United States Tracking-type Optical Pen Measurement System Consumption

Value (2021-2032) & (USD Million)

Figure 43. Canada Tracking-type Optical Pen Measurement System Consumption

Value (2021-2032) & (USD Million)

Figure 44. Mexico Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 45. Europe Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Type (2021-2032)

Figure 46. Europe Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Application (2021-2032)

Figure 47. Europe Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Country (2021-2032)

Figure 48. Europe Tracking-type Optical Pen Measurement System Consumption Value Market Share by Country (2021-2032)

Figure 49. Germany Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 50. France Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 51. United Kingdom Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 52. Russia Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 53. Italy Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 54. Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Type (2021-2032)

Figure 55. Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Application (2021-2032)

Figure 56. Asia-Pacific Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Region (2021-2032)

Figure 57. Asia-Pacific Tracking-type Optical Pen Measurement System Consumption Value Market Share by Region (2021-2032)

Figure 58. China Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 59. Japan Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 60. South Korea Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

Figure 61. India Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)

- Figure 62. Southeast Asia Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)
- Figure 63. Australia Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)
- Figure 64. South America Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Type (2021-2032)
- Figure 65. South America Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Application (2021-2032)
- Figure 66. South America Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Country (2021-2032)
- Figure 67. South America Tracking-type Optical Pen Measurement System Consumption Value Market Share by Country (2021-2032)
- Figure 68. Brazil Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)
- Figure 69. Argentina Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)
- Figure 70. Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Type (2021-2032)
- Figure 71. Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Application (2021-2032)
- Figure 72. Middle East & Africa Tracking-type Optical Pen Measurement System Sales Quantity Market Share by Country (2021-2032)
- Figure 73. Middle East & Africa Tracking-type Optical Pen Measurement System Consumption Value Market Share by Country (2021-2032)
- Figure 74. Turkey Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)
- Figure 75. Egypt Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)
- Figure 76. Saudi Arabia Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)
- Figure 77. South Africa Tracking-type Optical Pen Measurement System Consumption Value (2021-2032) & (USD Million)
- Figure 78. Tracking-type Optical Pen Measurement System Market Drivers
- Figure 79. Tracking-type Optical Pen Measurement System Market Restraints
- Figure 80. Tracking-type Optical Pen Measurement System Market Trends
- Figure 81. Porters Five Forces Analysis
- Figure 82. Manufacturing Cost Structure Analysis of Tracking-type Optical Pen Measurement System in 2025
- Figure 83. Manufacturing Process Analysis of Tracking-type Optical Pen Measurement

System

Figure 84. Tracking-type Optical Pen Measurement System Industrial Chain

Figure 85. Sales Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

I would like to order

Product name: Global Tracking-type Optical Pen Measurement System Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GAD8D2324062EN.html>

Price: US\$ 3,480.00 (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/GAD8D2324062EN.html>