

Global Non-contact Optical Dilatometers Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GFE53B6014ACEN.html>

Date: August 2026

Pages: 90

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

ID: GFE53B6014ACEN

Abstracts

The global Non-contact Optical Dilatometers market size is expected to reach \$ 60.14 million by 2032, rising at a market growth of 7.3% CAGR during the forecast period (2026-2032).

Non-contact Optical Dilatometers are thermal-analysis instruments that use optical imaging, shadow projection, or laser interferometry to measure changes in the length, thickness, profile, or volume of a material under controlled temperature and atmospheric conditions. They are primarily used to determine the coefficient of thermal expansion, sintering shrinkage, densification, glass transition, softening, phase transitions, and high-temperature dimensional stability, and are particularly suitable for thin films, powder compacts, soft materials, fragile specimens, and samples undergoing substantial deformation during sintering. Key upstream components include CCD or CMOS image sensors, lasers, optical lenses, interferometric assemblies, precision displacement mechanisms, high-temperature furnaces, heating elements, thermocouples, refractory materials, vacuum pumps, gas-control components, data-acquisition modules, and analytical software. Major downstream customers include manufacturers of ceramics, glass, metals, powder-metallurgy products, polymers, semiconductor materials, aerospace materials, and energy materials, as well as universities, research institutes, national laboratories, and third-party testing laboratories. Based on ex-factory equipment prices, global effective production capacity was estimated at approximately 245 units in 2025, while sales volume was approximately 184 units and the average selling price was about USD 193,500 per unit. The typical industry gross margin ranged from approximately 40% to 55%.

The global Non-contact Optical Dilatometers market is relatively small, technologically demanding, and concentrated among a limited number of suppliers based primarily in

the United States, Germany, Italy, Japan, and China. Conventional push-rod dilatometers continue to account for the majority of thermal-expansion testing, but contact forces can deform or disturb thin films, powder compacts, soft materials, fragile specimens, and samples that shrink or soften substantially during heating. This limitation is supporting the adoption of non-contact optical systems. Customer requirements are also expanding beyond basic linear thermal-expansion measurements toward sintering kinetics, shape evolution, industrial thermal-cycle simulation, and simultaneous multi-parameter characterization. Suppliers with integrated capabilities in optics, furnace engineering, atmosphere control, calibration, and analytical software are therefore gaining a stronger competitive position.

Growth in advanced ceramics, electronic ceramics, powder metallurgy, additive manufacturing, and high-performance glass is an important demand driver. These materials frequently undergo significant shrinkage, phase transformation, bloating, or softening during sintering, and conventional contact instruments may be unable to track dimensional changes accurately beyond the softening point. Optical dilatometers can continuously monitor specimen edges and overall morphology through image analysis. Demand for low-expansion and near-zero-expansion materials in semiconductor manufacturing equipment, precision optical platforms, aerospace structures, and metrology standards is also supporting wider use of nanometer-scale laser-interferometric systems. Future demand is expected to favor instruments offering higher precision, rapid heating and cooling, controlled atmospheres, and realistic simulation of industrial manufacturing cycles.

Product technology is progressing from single-camera and basic edge-detection systems toward multi-camera configurations, dual optical paths, real-time reference compensation, and multidimensional morphology analysis. Automatic focusing, edge recognition, initial-length measurement, and continuous image storage can reduce operator-related errors and improve comparability between laboratories. Multifunctional platforms are increasingly combining optical dilatometry, heating microscopy, fleximetry, contact-angle analysis, and molten-shape characterization within a common furnace and software environment, allowing customers to cover a wider range of characterization tasks with one system. Data integrity, automated reporting, remote diagnostics, and experiment-database management are also becoming important areas of software development.

Market development remains constrained by relatively high equipment prices, a limited specialist customer base, long instrument replacement cycles, and incomplete harmonization of testing methods. High-temperature optical windows, furnace

uniformity, atmospheric sealing, optical-path drift, and specimen-edge recognition can all influence measurement accuracy, and data comparability between different instruments still requires standardized reference materials and procedures. Although new entrants can source cameras, lasers, furnaces, and control modules, long-term stability, software algorithms, temperature calibration, and accumulated application expertise remain substantial barriers. Leading suppliers are expected to strengthen their positions through high-end platforms, application laboratories, and global service networks, while Chinese manufacturers are likely to expand gradually through localized high-temperature systems, customized configurations, and more competitive pricing.

This report studies the global Non-contact Optical Dilatometers production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Non-contact Optical Dilatometers total production and demand, 2021-2032, (Units)

Global Non-contact Optical Dilatometers total production value, 2021-2032, (USD Million)

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

Global Non-contact Optical Dilatometers consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Non-contact Optical Dilatometers domestic production, consumption, key domestic manufacturers and share

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

Global Non-contact Optical Dilatometers production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Non-contact Optical Dilatometers production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Non-contact Optical Dilatometers 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 Waters Corporation, Linseis Messger?te, Expert Lab Service, ADVANCE RIKO, Shanghai Eyoung Industry, 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 Non-contact Optical Dilatometers market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K 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 Non-contact Optical Dilatometers Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Non-contact Optical Dilatometers Market, Segmentation by Type:

Horizontal

Vertical

Global Non-contact Optical Dilatometers Market, Segmentation by Measurement Principle:

Optical Imaging and Shadow Method

Laser Interferometry

Global Non-contact Optical Dilatometers Market, Segmentation by Maximum Test Temperature:

Up to 1000°C

Above 1000-1600°C

Above 1600°C

Global Non-contact Optical Dilatometers Market, Segmentation by Application:

Ceramics and Glass

Metals and Advanced Materials

Electronics and Semiconductors

Other

Companies Profiled:

Waters Corporation

Linseis Messgeräte

Expert Lab Service

ADVANCE RIKO

Shanghai Eyoung Industry

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

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

4.3.1 United States VS China: Non-contact Optical Dilatometers Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Non-contact Optical Dilatometers Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Non-contact Optical Dilatometers Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Non-contact Optical Dilatometers Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Non-contact Optical Dilatometers Production Value (2021-2026)

4.4.3 United States Based Manufacturers Non-contact Optical Dilatometers Production (2021-2026)

4.5 China Based Non-contact Optical Dilatometers Manufacturers and Market Share

4.5.1 China Based Non-contact Optical Dilatometers Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Non-contact Optical Dilatometers Production Value (2021-2026)

4.5.3 China Based Manufacturers Non-contact Optical Dilatometers Production (2021-2026)

4.6 Rest of World Based Non-contact Optical Dilatometers Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Non-contact Optical Dilatometers Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Non-contact Optical Dilatometers Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Non-contact Optical Dilatometers Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Non-contact Optical Dilatometers Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Horizontal

5.2.2 Vertical

5.3 Market Segment by Type

5.3.1 World Non-contact Optical Dilatometers Production by Type (2021-2032)

5.3.2 World Non-contact Optical Dilatometers Production Value by Type (2021-2032)

5.3.3 World Non-contact Optical Dilatometers Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY MEASUREMENT PRINCIPLE

6.1 World Non-contact Optical Dilatometers Market Size Overview by Measurement Principle: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Measurement Principle

6.2.1 Optical Imaging and Shadow Method

6.2.2 Laser Interferometry

6.3 Market Segment by Measurement Principle

6.3.1 World Non-contact Optical Dilatometers Production by Measurement Principle (2021-2032)

6.3.2 World Non-contact Optical Dilatometers Production Value by Measurement Principle (2021-2032)

6.3.3 World Non-contact Optical Dilatometers Average Price by Measurement Principle (2021-2032)

7 MARKET ANALYSIS BY MAXIMUM TEST TEMPERATURE

7.1 World Non-contact Optical Dilatometers Market Size Overview by Maximum Test Temperature: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Maximum Test Temperature

7.2.1 Up to 1000°C

7.2.2 Above 1000-1600°C

7.2.3 Above 1600°C

7.3 Market Segment by Maximum Test Temperature

7.3.1 World Non-contact Optical Dilatometers Production by Maximum Test Temperature (2021-2032)

7.3.2 World Non-contact Optical Dilatometers Production Value by Maximum Test Temperature (2021-2032)

7.3.3 World Non-contact Optical Dilatometers Average Price by Maximum Test Temperature (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Non-contact Optical Dilatometers Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Ceramics and Glass

8.2.2 Metals and Advanced Materials

8.2.3 Electronics and Semiconductors

8.2.4 Other

8.3 Market Segment by Application

8.3.1 World Non-contact Optical Dilatometers Production by Application (2021-2032)

8.3.2 World Non-contact Optical Dilatometers Production Value by Application
(2021-2032)

8.3.3 World Non-contact Optical Dilatometers Average Price by Application
(2021-2032)

9 COMPANY PROFILES

9.1 Waters Corporation

9.1.1 Waters Corporation Details

9.1.2 Waters Corporation Major Business

9.1.3 Waters Corporation Non-contact Optical Dilatometers Product and Services

9.1.4 Waters Corporation Non-contact Optical Dilatometers Production, Price, Value,
Gross Margin and Market Share (2021-2026)

9.1.5 Waters Corporation Recent Developments/Updates

9.1.6 Waters Corporation Competitive Strengths & Weaknesses

9.2 Linseis Messger?te

9.2.1 Linseis Messger?te Details

9.2.2 Linseis Messger?te Major Business

9.2.3 Linseis Messger?te Non-contact Optical Dilatometers Product and Services

9.2.4 Linseis Messger?te Non-contact Optical Dilatometers Production, Price, Value,
Gross Margin and Market Share (2021-2026)

9.2.5 Linseis Messger?te Recent Developments/Updates

9.2.6 Linseis Messger?te Competitive Strengths & Weaknesses

9.3 Expert Lab Service

9.3.1 Expert Lab Service Details

9.3.2 Expert Lab Service Major Business

9.3.3 Expert Lab Service Non-contact Optical Dilatometers Product and Services

9.3.4 Expert Lab Service Non-contact Optical Dilatometers Production, Price, Value,
Gross Margin and Market Share (2021-2026)

9.3.5 Expert Lab Service Recent Developments/Updates

9.3.6 Expert Lab Service Competitive Strengths & Weaknesses

9.4 ADVANCE RIKO

9.4.1 ADVANCE RIKO Details

9.4.2 ADVANCE RIKO Major Business

9.4.3 ADVANCE RIKO Non-contact Optical Dilatometers Product and Services

9.4.4 ADVANCE RIKO Non-contact Optical Dilatometers Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 ADVANCE RIKO Recent Developments/Updates

9.4.6 ADVANCE RIKO Competitive Strengths & Weaknesses

9.5 Shanghai Eyoung Industry

9.5.1 Shanghai Eyoung Industry Details

9.5.2 Shanghai Eyoung Industry Major Business

9.5.3 Shanghai Eyoung Industry Non-contact Optical Dilatometers Product and Services

9.5.4 Shanghai Eyoung Industry Non-contact Optical Dilatometers Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Shanghai Eyoung Industry Recent Developments/Updates

9.5.6 Shanghai Eyoung Industry Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Non-contact Optical Dilatometers Industry Chain

10.2 Non-contact Optical Dilatometers Upstream Analysis

10.2.1 Non-contact Optical Dilatometers Core Raw Materials

10.2.2 Main Manufacturers of Non-contact Optical Dilatometers Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Non-contact Optical Dilatometers Production Mode

10.6 Non-contact Optical Dilatometers Procurement Model

10.7 Non-contact Optical Dilatometers Industry Sales Model and Sales Channels

10.7.1 Non-contact Optical Dilatometers Sales Model

10.7.2 Non-contact Optical Dilatometers 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 Non-contact Optical Dilatometers Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Non-contact Optical Dilatometers Production Value by Region (2021-2026) & (USD Million)

Table 3. World Non-contact Optical Dilatometers Production Value by Region (2027-2032) & (USD Million)

Table 4. World Non-contact Optical Dilatometers Production Value Market Share by Region (2021-2026)

Table 5. World Non-contact Optical Dilatometers Production Value Market Share by Region (2027-2032)

Table 6. World Non-contact Optical Dilatometers Production by Region (2021-2026) & (Units)

Table 7. World Non-contact Optical Dilatometers Production by Region (2027-2032) & (Units)

Table 8. World Non-contact Optical Dilatometers Production Market Share by Region (2021-2026)

Table 9. World Non-contact Optical Dilatometers Production Market Share by Region (2027-2032)

Table 10. World Non-contact Optical Dilatometers Average Price by Region (2021-2026) & (K US\$/Unit)

Table 11. World Non-contact Optical Dilatometers Average Price by Region (2027-2032) & (K US\$/Unit)

Table 12. Non-contact Optical Dilatometers Major Market Trends

Table 13. World Non-contact Optical Dilatometers Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World Non-contact Optical Dilatometers Consumption by Region (2021-2026) & (Units)

Table 15. World Non-contact Optical Dilatometers Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World Non-contact Optical Dilatometers Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Non-contact Optical Dilatometers Producers in 2025

Table 18. World Non-contact Optical Dilatometers Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key Non-contact Optical Dilatometers Producers in 2025

Table 20. World Non-contact Optical Dilatometers Average Price by Manufacturer (2021-2026) & (K US\$/Unit)

Table 21. Global Non-contact Optical Dilatometers Company Evaluation Quadrant

Table 22. World Non-contact Optical Dilatometers Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Non-contact Optical Dilatometers Production Site of Key Manufacturer

Table 24. Non-contact Optical Dilatometers Market: Company Product Type Footprint

Table 25. Non-contact Optical Dilatometers Market: Company Product Application Footprint

Table 26. Non-contact Optical Dilatometers Competitive Factors

Table 27. Non-contact Optical Dilatometers New Entrant and Capacity Expansion Plans

Table 28. Non-contact Optical Dilatometers Mergers & Acquisitions Activity

Table 29. United States VS China Non-contact Optical Dilatometers Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Non-contact Optical Dilatometers Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China Non-contact Optical Dilatometers Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based Non-contact Optical Dilatometers Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Non-contact Optical Dilatometers Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Non-contact Optical Dilatometers Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Non-contact Optical Dilatometers Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers Non-contact Optical Dilatometers Production Market Share (2021-2026)

Table 37. China Based Non-contact Optical Dilatometers Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Non-contact Optical Dilatometers Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Non-contact Optical Dilatometers Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Non-contact Optical Dilatometers Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers Non-contact Optical Dilatometers Production Market Share (2021-2026)

Table 42. Rest of World Based Non-contact Optical Dilatometers Manufacturers, Headquarters and Production Site (State, Country)

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

Table 44. Rest of World Based Manufacturers Non-contact Optical Dilatometers Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Non-contact Optical Dilatometers Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers Non-contact Optical Dilatometers Production Market Share (2021-2026)

Table 47. World Non-contact Optical Dilatometers Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Non-contact Optical Dilatometers Production by Type (2021-2026) & (Units)

Table 49. World Non-contact Optical Dilatometers Production by Type (2027-2032) & (Units)

Table 50. World Non-contact Optical Dilatometers Production Value by Type (2021-2026) & (USD Million)

Table 51. World Non-contact Optical Dilatometers Production Value by Type (2027-2032) & (USD Million)

Table 52. World Non-contact Optical Dilatometers Average Price by Type (2021-2026) & (K US\$/Unit)

Table 53. World Non-contact Optical Dilatometers Average Price by Type (2027-2032) & (K US\$/Unit)

Table 54. World Non-contact Optical Dilatometers Production Value by Measurement Principle, (USD Million), 2021 & 2025 & 2032

Table 55. World Non-contact Optical Dilatometers Production by Measurement Principle (2021-2026) & (Units)

Table 56. World Non-contact Optical Dilatometers Production by Measurement Principle (2027-2032) & (Units)

Table 57. World Non-contact Optical Dilatometers Production Value by Measurement Principle (2021-2026) & (USD Million)

Table 58. World Non-contact Optical Dilatometers Production Value by Measurement Principle (2027-2032) & (USD Million)

Table 59. World Non-contact Optical Dilatometers Average Price by Measurement Principle (2021-2026) & (K US\$/Unit)

Table 60. World Non-contact Optical Dilatometers Average Price by Measurement

Principle (2027-2032) & (K US\$/Unit)

Table 61. World Non-contact Optical Dilatometers Production Value by Maximum Test Temperature, (USD Million), 2021 & 2025 & 2032

Table 62. World Non-contact Optical Dilatometers Production by Maximum Test Temperature (2021-2026) & (Units)

Table 63. World Non-contact Optical Dilatometers Production by Maximum Test Temperature (2027-2032) & (Units)

Table 64. World Non-contact Optical Dilatometers Production Value by Maximum Test Temperature (2021-2026) & (USD Million)

Table 65. World Non-contact Optical Dilatometers Production Value by Maximum Test Temperature (2027-2032) & (USD Million)

Table 66. World Non-contact Optical Dilatometers Average Price by Maximum Test Temperature (2021-2026) & (K US\$/Unit)

Table 67. World Non-contact Optical Dilatometers Average Price by Maximum Test Temperature (2027-2032) & (K US\$/Unit)

Table 68. World Non-contact Optical Dilatometers Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Non-contact Optical Dilatometers Production by Application (2021-2026) & (Units)

Table 70. World Non-contact Optical Dilatometers Production by Application (2027-2032) & (Units)

Table 71. World Non-contact Optical Dilatometers Production Value by Application (2021-2026) & (USD Million)

Table 72. World Non-contact Optical Dilatometers Production Value by Application (2027-2032) & (USD Million)

Table 73. World Non-contact Optical Dilatometers Average Price by Application (2021-2026) & (K US\$/Unit)

Table 74. World Non-contact Optical Dilatometers Average Price by Application (2027-2032) & (K US\$/Unit)

Table 75. Waters Corporation Basic Information, Manufacturing Base and Competitors

Table 76. Waters Corporation Major Business

Table 77. Waters Corporation Non-contact Optical Dilatometers Product and Services

Table 78. Waters Corporation Non-contact Optical Dilatometers Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Waters Corporation Recent Developments/Updates

Table 80. Waters Corporation Competitive Strengths & Weaknesses

Table 81. Linseis Messger?te Basic Information, Manufacturing Base and Competitors

Table 82. Linseis Messger?te Major Business

Table 83. Linseis Messger?te Non-contact Optical Dilatometers Product and Services

Table 84. Linseis Messger?te Non-contact Optical Dilatometers Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Linseis Messger?te Recent Developments/Updates

Table 86. Linseis Messger?te Competitive Strengths & Weaknesses

Table 87. Expert Lab Service Basic Information, Manufacturing Base and Competitors

Table 88. Expert Lab Service Major Business

Table 89. Expert Lab Service Non-contact Optical Dilatometers Product and Services

Table 90. Expert Lab Service Non-contact Optical Dilatometers Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Expert Lab Service Recent Developments/Updates

Table 92. Expert Lab Service Competitive Strengths & Weaknesses

Table 93. ADVANCE RIKO Basic Information, Manufacturing Base and Competitors

Table 94. ADVANCE RIKO Major Business

Table 95. ADVANCE RIKO Non-contact Optical Dilatometers Product and Services

Table 96. ADVANCE RIKO Non-contact Optical Dilatometers Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. ADVANCE RIKO Recent Developments/Updates

Table 98. ADVANCE RIKO Competitive Strengths & Weaknesses

Table 99. Shanghai Eyoung Industry Basic Information, Manufacturing Base and Competitors

Table 100. Shanghai Eyoung Industry Major Business

Table 101. Shanghai Eyoung Industry Non-contact Optical Dilatometers Product and Services

Table 102. Shanghai Eyoung Industry Non-contact Optical Dilatometers Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Shanghai Eyoung Industry Recent Developments/Updates

Table 104. Shanghai Eyoung Industry Competitive Strengths & Weaknesses

Table 105. Global Key Players of Non-contact Optical Dilatometers Upstream (Raw Materials)

Table 106. Global Non-contact Optical Dilatometers Typical Customers

Table 107. Non-contact Optical Dilatometers Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Non-contact Optical Dilatometers Picture

Figure 2. World Non-contact Optical Dilatometers Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Non-contact Optical Dilatometers Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Non-contact Optical Dilatometers Production (2021-2032) & (Units)

Figure 5. World Non-contact Optical Dilatometers Average Price (2021-2032) & (K US\$/Unit)

Figure 6. World Non-contact Optical Dilatometers Production Value Market Share by Region (2021-2032)

Figure 7. World Non-contact Optical Dilatometers Production Market Share by Region (2021-2032)

Figure 8. North America Non-contact Optical Dilatometers Production (2021-2032) & (Units)

Figure 9. Europe Non-contact Optical Dilatometers Production (2021-2032) & (Units)

Figure 10. China Non-contact Optical Dilatometers Production (2021-2032) & (Units)

Figure 11. Japan Non-contact Optical Dilatometers Production (2021-2032) & (Units)

Figure 12. Non-contact Optical Dilatometers Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Non-contact Optical Dilatometers Consumption (2021-2032) & (Units)

Figure 15. World Non-contact Optical Dilatometers Consumption Market Share by Region (2021-2032)

Figure 16. United States Non-contact Optical Dilatometers Consumption (2021-2032) & (Units)

Figure 17. China Non-contact Optical Dilatometers Consumption (2021-2032) & (Units)

Figure 18. Europe Non-contact Optical Dilatometers Consumption (2021-2032) & (Units)

Figure 19. Japan Non-contact Optical Dilatometers Consumption (2021-2032) & (Units)

Figure 20. South Korea Non-contact Optical Dilatometers Consumption (2021-2032) & (Units)

Figure 21. ASEAN Non-contact Optical Dilatometers Consumption (2021-2032) & (Units)

Figure 22. India Non-contact Optical Dilatometers Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of Non-contact Optical Dilatometers by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Non-contact Optical Dilatometers Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Non-contact Optical Dilatometers Markets in 2025

Figure 26. United States VS China: Non-contact Optical Dilatometers Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Non-contact Optical Dilatometers Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Non-contact Optical Dilatometers Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Non-contact Optical Dilatometers Production Market Share 2025

Figure 30. China Based Manufacturers Non-contact Optical Dilatometers Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Non-contact Optical Dilatometers Production Market Share 2025

Figure 32. World Non-contact Optical Dilatometers Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Non-contact Optical Dilatometers Production Value Market Share by Type in 2025

Figure 34. Horizontal

Figure 35. Vertical

Figure 36. World Non-contact Optical Dilatometers Production Market Share by Type (2021-2032)

Figure 37. World Non-contact Optical Dilatometers Production Value Market Share by Type (2021-2032)

Figure 38. World Non-contact Optical Dilatometers Average Price by Type (2021-2032) & (K US\$/Unit)

Figure 39. World Non-contact Optical Dilatometers Production Value by Measurement Principle, (USD Million), 2021 & 2025 & 2032

Figure 40. World Non-contact Optical Dilatometers Production Value Market Share by Measurement Principle in 2025

Figure 41. Optical Imaging and Shadow Method

Figure 42. Laser Interferometry

Figure 43. World Non-contact Optical Dilatometers Production Market Share by Measurement Principle (2021-2032)

Figure 44. World Non-contact Optical Dilatometers Production Value Market Share by Measurement Principle (2021-2032)

Figure 45. World Non-contact Optical Dilatometers Average Price by Measurement

Principle (2021-2032) & (K US\$/Unit)

Figure 46. World Non-contact Optical Dilatometers Production Value by Maximum Test Temperature, (USD Million), 2021 & 2025 & 2032

Figure 47. World Non-contact Optical Dilatometers Production Value Market Share by Maximum Test Temperature in 2025

Figure 48. Up to 1000°C

Figure 49. Above 1000-1600°C

Figure 50. Above 1600°C

Figure 51. World Non-contact Optical Dilatometers Production Market Share by Maximum Test Temperature (2021-2032)

Figure 52. World Non-contact Optical Dilatometers Production Value Market Share by Maximum Test Temperature (2021-2032)

Figure 53. World Non-contact Optical Dilatometers Average Price by Maximum Test Temperature (2021-2032) & (K US\$/Unit)

Figure 54. World Non-contact Optical Dilatometers Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World Non-contact Optical Dilatometers Production Value Market Share by Application in 2025

Figure 56. Ceramics and Glass

Figure 57. Metals and Advanced Materials

Figure 58. Electronics and Semiconductors

Figure 59. Other

Figure 60. World Non-contact Optical Dilatometers Production Market Share by Application (2021-2032)

Figure 61. World Non-contact Optical Dilatometers Production Value Market Share by Application (2021-2032)

Figure 62. World Non-contact Optical Dilatometers Average Price by Application (2021-2032) & (K US\$/Unit)

Figure 63. Non-contact Optical Dilatometers Industry Chain

Figure 64. Non-contact Optical Dilatometers Procurement Model

Figure 65. Non-contact Optical Dilatometers Sales Model

Figure 66. Non-contact Optical Dilatometers Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global Non-contact Optical Dilatometers Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GFE53B6014ACEN.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/GFE53B6014ACEN.html>