+357 96 030922
info@marketpublishers.com

Global Grating Ruler Sensors Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GF3AD95B5209EN.html
Date: August 2026
Pages: 147
Price: US$ 4,480.00 (Single User License)
ID: GF3AD95B5209EN

Abstracts

The global Grating Ruler Sensors market size is expected to reach $ 1691 million by 2032, rising at a market growth of 6.0% CAGR during the forecast period (2026-2032).

In 2025, global Grating Ruler Sensors production reached approximately 9.45 M Units.The average price is approximately $115.Grating Ruler Sensors are high-precision position feedback components used to measure straight-line displacement and provide real-time position signals for motion control and metrology systems.

Grating Ruler Sensors are not merely generic displacement sensors; they are precision reference components that enable a machine axis to be controlled according to its actual linear position rather than the commanded position of a screw, belt, or motor. This makes them essential in applications where backlash, thermal growth, screw pitch error, elastic deformation, or drive-train inaccuracies can no longer be tolerated. The mature portion of the industry is represented by glass scale encoders for machine-tool DRO retrofit and general-purpose closed-loop control, where competition is price-sensitive and product differentiation is narrower. The higher-growth portion is concentrated in absolute sealed encoders, exposed optical encoders, laser/grating-interferometric scales, and high-end readhead-scale systems used in CNC machine tools, linear motor stages, semiconductor manufacturing and inspection equipment, coordinate measuring machines, and precision automation platforms. For market sizing, the correct narrow scope should include optical linear scales, readheads, and complete optical linear encoder systems, while excluding magnetic, inductive, capacitive, draw-wire, and laser interferometer technologies.

From the supply perspective, the industry remains highly layered. European, Japanese, UK, and US suppliers dominate the upper end of the market, with HEIDENHAIN,

+357 96 030922
info@marketpublishers.com

Renishaw, Magnescale, Mitutoyo, Fagor Automation, and Novanta/Celera Motion holding strong positions across high-end machine tools, semiconductor stages, precision motion, and metrology. A second layer of specialized suppliers, including GIVI MISURE, TR-Electronic, Precizika Metrology, Gurley Precision Instruments, RSF Elektronik, and NUMERIK JENA, strengthens the market with regional expertise, compact designs, custom optical scales, long measuring lengths, and application-specific interfaces. Chinese suppliers are more concentrated in DRO glass scales, general-purpose machine-tool scales, replacement markets, and domestic substitution. Yuheng Optics is the most representative Chinese high-confidence supplier in grating encoders and linear scales, while Easson, SINO, and DITRON are more visible in mid- and low-end machine-tool DRO markets. The difference between the broad longlist and the core formal list is therefore structural: some names are group brands, some are upstream scale manufacturers, and some belong to adjacent magnetic or inductive technologies.

Demand growth is increasingly driven by precision manufacturing rather than by ordinary measurement display. Machine tools remain the largest application base, but the strongest incremental demand comes from high-end CNC axes, five-axis machining, grinding machines, linear motor stages, semiconductor manufacturing and inspection equipment, and precision metrology. Semiconductor-related applications require high resolution, low interpolation error, stable thermal behavior, cleanroom or vacuum compatibility, and high-speed position feedback. Magnescale?s 2026 expansion of high-precision linear encoder production capacity in Nara is a visible signal of this demand pull from semiconductor manufacturing and ultra-precision equipment. In China, industrial machine-tool upgrading and domestic substitution policies are creating a more favorable environment for local optical scale suppliers, but premium absolute linear scales still require long qualification cycles, interface compatibility, proven reliability, and strong contamination-resistant scanning performance.

The technology roadmap is moving toward absolute encoding, higher dynamic performance, easier mounting and calibration, robust signal processing, digital interface compatibility, long-length scale solutions, and better environmental resistance. Sealed optical linear encoders will remain important for machine tools exposed to oil, chips, coolant, and dust, while exposed encoders will be preferred in clean, high-dynamic, and ultra-precision environments. The future competitive landscape is likely to become more polarized. At the premium end, suppliers will compete on semiconductor qualification, nanometer-level performance, thermal stability, and system integration with advanced motion platforms. At the volume end, Chinese and Asian suppliers will compete on cost, lead time, DRO bundles, and replacement-market availability. Magnetic and inductive

+357 96 030922
info@marketpublishers.com

encoders will continue to substitute optical products in harsh environments, but in high-accuracy, low-cyclic-error, and clean high-speed applications, optical linear scale encoders are expected to retain a strong technical position.

This report studies the global Grating Ruler Sensors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Grating Ruler Sensors 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 Grating Ruler Sensors that contribute to its increasing demand across many markets.

Highlights and key features of the study
Global Grating Ruler Sensors total production and demand, 2021-2032, (Units)
Global Grating Ruler Sensors total production value, 2021-2032, (USD Million)
Global Grating Ruler Sensors production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)
Global Grating Ruler Sensors consumption by region & country, CAGR, 2021-2032 & (Units)
U.S. VS China: Grating Ruler Sensors domestic production, consumption, key domestic manufacturers and share
Global Grating Ruler Sensors production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)
Global Grating Ruler Sensors production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)
Global Grating Ruler Sensors production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Grating Ruler Sensors 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 HEIDENHAIN Group, Magnescale, Renishaw, Mitutoyo, Fagor Automation, Novanta, GIVI MISURE, TR-Electronic, Yuheng Optics, Precizika Metrology, etc.

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

+357 96 030922
info@marketpublishers.com

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Grating Ruler Sensors market

Detailed Segmentation:

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

Global Grating Ruler Sensors Market, By Region:

- United States
- China
- Europe
- Japan
- South Korea
- ASEAN
- India
- Rest of World

Global Grating Ruler Sensors Market, Segmentation by Type:

- Sealed Linear Encoders
- Exposed Linear Encoders
- Integrated DRO Glass Scales
- Others

+357 96 030922
info@marketpublishers.com

Global Grating Ruler Sensors Market, Segmentation by Encoding Method:

Incremental Optical Linear Encoders

Absolute Optical Linear Encoders

Distance-coded Reference Encoders

Others

Global Grating Ruler Sensors Market, Segmentation by Core Accuracy:

Standard Precision Grade: Linearity Error of ?5 ?m or Greater

Medium-to-High Precision Grade: Linearity Error of ?1 To ?5 ?m

Ultra-High Precision Grade: Linearity Error Within ?1 ?m

Global Grating Ruler Sensors Market, Segmentation by Application:

CNC Machine Tools and Metalworking

Semiconductor and Electronics Manufacturing

New Energy Equipment

Others

Companies Profiled:

HEIDENHAIN Group

Magnescale

+357 96 030922
info@marketpublishers.com

Renishaw

Mitutoyo

Fagor Automation

Novanta

GIVI MISURE

TR-Electronic

Yuheng Optics

Precizika Metrology

Easson Measurement

SINO DRO

Gurley Precision Instruments

DITRON Measuring

ELBO Controlli NIKKEN

UPT Co., Ltd.

Precision Portal

Hopo Tech

Key Questions Answered:
1. How big is the global Grating Ruler Sensors market?
2. What is the demand of the global Grating Ruler Sensors market?
3. What is the year over year growth of the global Grating Ruler Sensors market?
4. What is the production and production value of the global Grating Ruler Sensors market?

+357 96 030922
info@marketpublishers.com

5. Who are the key producers in the global Grating Ruler Sensors market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

+357 96 030922
info@marketpublishers.com

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

+357 96 030922
info@marketpublishers.com

4.4.1 United States Based Grating Ruler Sensors Manufacturers, Headquarters and Production Site (States, Country)
4.4.2 United States Based Manufacturers Grating Ruler Sensors Production Value (2021-2026)
4.4.3 United States Based Manufacturers Grating Ruler Sensors Production (2021-2026)
4.5 China Based Grating Ruler Sensors Manufacturers and Market Share
4.5.1 China Based Grating Ruler Sensors Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers Grating Ruler Sensors Production Value (2021-2026)
4.5.3 China Based Manufacturers Grating Ruler Sensors Production (2021-2026)
4.6 Rest of World Based Grating Ruler Sensors Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based Grating Ruler Sensors Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers Grating Ruler Sensors Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers Grating Ruler Sensors Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Grating Ruler Sensors Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 Sealed Linear Encoders
5.2.2 Exposed Linear Encoders
5.2.3 Integrated DRO Glass Scales
5.2.4 Others
5.3 Market Segment by Type
5.3.1 World Grating Ruler Sensors Production by Type (2021-2032)
5.3.2 World Grating Ruler Sensors Production Value by Type (2021-2032)
5.3.3 World Grating Ruler Sensors Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY ENCODING METHOD

6.1 World Grating Ruler Sensors Market Size Overview by Encoding Method: 2021 VS 2025 VS 2032

+357 96 030922
info@marketpublishers.com

6.2 Segment Introduction by Encoding Method
6.2.1 Incremental Optical Linear Encoders
6.2.2 Absolute Optical Linear Encoders
6.2.3 Distance-coded Reference Encoders
6.2.4 Others
6.3 Market Segment by Encoding Method
6.3.1 World Grating Ruler Sensors Production by Encoding Method (2021-2032)
6.3.2 World Grating Ruler Sensors Production Value by Encoding Method (2021-2032)
6.3.3 World Grating Ruler Sensors Average Price by Encoding Method (2021-2032)

7 MARKET ANALYSIS BY CORE ACCURACY

7.1 World Grating Ruler Sensors Market Size Overview by Core Accuracy: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Core Accuracy
7.2.1 Standard Precision Grade: Linearity Error of ?5 ?m or Greater
7.2.2 Medium-to-High Precision Grade: Linearity Error of ?1 To ?5 ?m
7.2.3 Ultra-High Precision Grade: Linearity Error Within ?1 ?m
7.3 Market Segment by Core Accuracy
7.3.1 World Grating Ruler Sensors Production by Core Accuracy (2021-2032)
7.3.2 World Grating Ruler Sensors Production Value by Core Accuracy (2021-2032)
7.3.3 World Grating Ruler Sensors Average Price by Core Accuracy (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Grating Ruler Sensors Market Size Overview by Application: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Application
8.2.1 CNC Machine Tools and Metalworking
8.2.2 Semiconductor and Electronics Manufacturing
8.2.3 New Energy Equipment
8.2.4 Others
8.3 Market Segment by Application
8.3.1 World Grating Ruler Sensors Production by Application (2021-2032)
8.3.2 World Grating Ruler Sensors Production Value by Application (2021-2032)
8.3.3 World Grating Ruler Sensors Average Price by Application (2021-2032)

9 COMPANY PROFILES

+357 96 030922
info@marketpublishers.com

9.1 HEIDENHAIN Group
9.1.1 HEIDENHAIN Group Details
9.1.2 HEIDENHAIN Group Major Business
9.1.3 HEIDENHAIN Group Grating Ruler Sensors Product and Services
9.1.4 HEIDENHAIN Group Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.1.5 HEIDENHAIN Group Recent Developments/Updates
9.1.6 HEIDENHAIN Group Competitive Strengths & Weaknesses
9.2 Magnescale
9.2.1 Magnescale Details
9.2.2 Magnescale Major Business
9.2.3 Magnescale Grating Ruler Sensors Product and Services
9.2.4 Magnescale Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.2.5 Magnescale Recent Developments/Updates
9.2.6 Magnescale Competitive Strengths & Weaknesses
9.3 Renishaw
9.3.1 Renishaw Details
9.3.2 Renishaw Major Business
9.3.3 Renishaw Grating Ruler Sensors Product and Services
9.3.4 Renishaw Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.3.5 Renishaw Recent Developments/Updates
9.3.6 Renishaw Competitive Strengths & Weaknesses
9.4 Mitutoyo
9.4.1 Mitutoyo Details
9.4.2 Mitutoyo Major Business
9.4.3 Mitutoyo Grating Ruler Sensors Product and Services
9.4.4 Mitutoyo Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.4.5 Mitutoyo Recent Developments/Updates
9.4.6 Mitutoyo Competitive Strengths & Weaknesses
9.5 Fagor Automation
9.5.1 Fagor Automation Details
9.5.2 Fagor Automation Major Business
9.5.3 Fagor Automation Grating Ruler Sensors Product and Services
9.5.4 Fagor Automation Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.5.5 Fagor Automation Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

9.5.6 Fagor Automation Competitive Strengths & Weaknesses
9.6 Novanta
9.6.1 Novanta Details
9.6.2 Novanta Major Business
9.6.3 Novanta Grating Ruler Sensors Product and Services
9.6.4 Novanta Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.6.5 Novanta Recent Developments/Updates
9.6.6 Novanta Competitive Strengths & Weaknesses
9.7 GIVI MISURE
9.7.1 GIVI MISURE Details
9.7.2 GIVI MISURE Major Business
9.7.3 GIVI MISURE Grating Ruler Sensors Product and Services
9.7.4 GIVI MISURE Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.7.5 GIVI MISURE Recent Developments/Updates
9.7.6 GIVI MISURE Competitive Strengths & Weaknesses
9.8 TR-Electronic
9.8.1 TR-Electronic Details
9.8.2 TR-Electronic Major Business
9.8.3 TR-Electronic Grating Ruler Sensors Product and Services
9.8.4 TR-Electronic Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.8.5 TR-Electronic Recent Developments/Updates
9.8.6 TR-Electronic Competitive Strengths & Weaknesses
9.9 Yuheng Optics
9.9.1 Yuheng Optics Details
9.9.2 Yuheng Optics Major Business
9.9.3 Yuheng Optics Grating Ruler Sensors Product and Services
9.9.4 Yuheng Optics Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.9.5 Yuheng Optics Recent Developments/Updates
9.9.6 Yuheng Optics Competitive Strengths & Weaknesses
9.10 Precizika Metrology
9.10.1 Precizika Metrology Details
9.10.2 Precizika Metrology Major Business
9.10.3 Precizika Metrology Grating Ruler Sensors Product and Services
9.10.4 Precizika Metrology Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

9.10.5 Precizika Metrology Recent Developments/Updates
9.10.6 Precizika Metrology Competitive Strengths & Weaknesses
9.11 Easson Measurement
9.11.1 Easson Measurement Details
9.11.2 Easson Measurement Major Business
9.11.3 Easson Measurement Grating Ruler Sensors Product and Services
9.11.4 Easson Measurement Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.11.5 Easson Measurement Recent Developments/Updates
9.11.6 Easson Measurement Competitive Strengths & Weaknesses
9.12 SINO DRO
9.12.1 SINO DRO Details
9.12.2 SINO DRO Major Business
9.12.3 SINO DRO Grating Ruler Sensors Product and Services
9.12.4 SINO DRO Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.12.5 SINO DRO Recent Developments/Updates
9.12.6 SINO DRO Competitive Strengths & Weaknesses
9.13 Gurley Precision Instruments
9.13.1 Gurley Precision Instruments Details
9.13.2 Gurley Precision Instruments Major Business
9.13.3 Gurley Precision Instruments Grating Ruler Sensors Product and Services
9.13.4 Gurley Precision Instruments Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.13.5 Gurley Precision Instruments Recent Developments/Updates
9.13.6 Gurley Precision Instruments Competitive Strengths & Weaknesses
9.14 DITRON Measuring
9.14.1 DITRON Measuring Details
9.14.2 DITRON Measuring Major Business
9.14.3 DITRON Measuring Grating Ruler Sensors Product and Services
9.14.4 DITRON Measuring Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.14.5 DITRON Measuring Recent Developments/Updates
9.14.6 DITRON Measuring Competitive Strengths & Weaknesses
9.15 ELBO Controlli NIKKEN
9.15.1 ELBO Controlli NIKKEN Details
9.15.2 ELBO Controlli NIKKEN Major Business
9.15.3 ELBO Controlli NIKKEN Grating Ruler Sensors Product and Services
9.15.4 ELBO Controlli NIKKEN Grating Ruler Sensors Production, Price, Value, Gross

+357 96 030922
info@marketpublishers.com

Margin and Market Share (2021-2026)
9.15.5 ELBO Controlli NIKKEN Recent Developments/Updates
9.15.6 ELBO Controlli NIKKEN Competitive Strengths & Weaknesses
9.16 UPT Co., Ltd.
9.16.1 UPT Co., Ltd. Details
9.16.2 UPT Co., Ltd. Major Business
9.16.3 UPT Co., Ltd. Grating Ruler Sensors Product and Services
9.16.4 UPT Co., Ltd. Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.16.5 UPT Co., Ltd. Recent Developments/Updates
9.16.6 UPT Co., Ltd. Competitive Strengths & Weaknesses
9.17 Precision Portal
9.17.1 Precision Portal Details
9.17.2 Precision Portal Major Business
9.17.3 Precision Portal Grating Ruler Sensors Product and Services
9.17.4 Precision Portal Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.17.5 Precision Portal Recent Developments/Updates
9.17.6 Precision Portal Competitive Strengths & Weaknesses
9.18 Hopo Tech
9.18.1 Hopo Tech Details
9.18.2 Hopo Tech Major Business
9.18.3 Hopo Tech Grating Ruler Sensors Product and Services
9.18.4 Hopo Tech Grating Ruler Sensors Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.18.5 Hopo Tech Recent Developments/Updates
9.18.6 Hopo Tech Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Grating Ruler Sensors Industry Chain
10.2 Grating Ruler Sensors Upstream Analysis
10.2.1 Grating Ruler Sensors Core Raw Materials
10.2.2 Main Manufacturers of Grating Ruler Sensors Core Raw Materials
10.3 Midstream Analysis
10.4 Downstream Analysis
10.5 Grating Ruler Sensors Production Mode
10.6 Grating Ruler Sensors Procurement Model
10.7 Grating Ruler Sensors Industry Sales Model and Sales Channels

+357 96 030922
info@marketpublishers.com

10.7.1 Grating Ruler Sensors Sales Model
10.7.2 Grating Ruler Sensors Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology
12.2 Research Process and Data Source
12.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World Grating Ruler Sensors Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World Grating Ruler Sensors Production Value by Region (2021-2026) & (USD Million)
Table 3. World Grating Ruler Sensors Production Value by Region (2027-2032) & (USD Million)
Table 4. World Grating Ruler Sensors Production Value Market Share by Region (2021-2026)
Table 5. World Grating Ruler Sensors Production Value Market Share by Region (2027-2032)
Table 6. World Grating Ruler Sensors Production by Region (2021-2026) & (Units)
Table 7. World Grating Ruler Sensors Production by Region (2027-2032) & (Units)
Table 8. World Grating Ruler Sensors Production Market Share by Region (2021-2026)
Table 9. World Grating Ruler Sensors Production Market Share by Region (2027-2032)
Table 10. World Grating Ruler Sensors Average Price by Region (2021-2026) & (US$/Unit)
Table 11. World Grating Ruler Sensors Average Price by Region (2027-2032) & (US$/Unit)
Table 12. Grating Ruler Sensors Major Market Trends
Table 13. World Grating Ruler Sensors Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)
Table 14. World Grating Ruler Sensors Consumption by Region (2021-2026) & (Units)
Table 15. World Grating Ruler Sensors Consumption Forecast by Region (2027-2032) & (Units)
Table 16. World Grating Ruler Sensors Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key Grating Ruler Sensors Producers in 2025
Table 18. World Grating Ruler Sensors Production by Manufacturer (2021-2026) & (Units)
Table 19. Production Market Share of Key Grating Ruler Sensors Producers in 2025
Table 20. World Grating Ruler Sensors Average Price by Manufacturer (2021-2026) & (US$/Unit)
Table 21. Global Grating Ruler Sensors Company Evaluation Quadrant
Table 22. World Grating Ruler Sensors Industry Rank of Major Manufacturers, Based

+357 96 030922
info@marketpublishers.com

on Production Value in 2025
Table 23. Head Office and Grating Ruler Sensors Production Site of Key Manufacturer
Table 24. Grating Ruler Sensors Market: Company Product Type Footprint
Table 25. Grating Ruler Sensors Market: Company Product Application Footprint
Table 26. Grating Ruler Sensors Competitive Factors
Table 27. Grating Ruler Sensors New Entrant and Capacity Expansion Plans
Table 28. Grating Ruler Sensors Mergers & Acquisitions Activity
Table 29. United States VS China Grating Ruler Sensors Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Grating Ruler Sensors Production Comparison, (2021 & 2025 & 2032) & (Units)
Table 31. United States VS China Grating Ruler Sensors Consumption Comparison, (2021 & 2025 & 2032) & (Units)
Table 32. United States Based Grating Ruler Sensors Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Grating Ruler Sensors Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Grating Ruler Sensors Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Grating Ruler Sensors Production (2021-2026) & (Units)
Table 36. United States Based Manufacturers Grating Ruler Sensors Production Market Share (2021-2026)
Table 37. China Based Grating Ruler Sensors Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Grating Ruler Sensors Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Grating Ruler Sensors Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers Grating Ruler Sensors Production, (2021-2026) & (Units)
Table 41. China Based Manufacturers Grating Ruler Sensors Production Market Share (2021-2026)
Table 42. Rest of World Based Grating Ruler Sensors Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers Grating Ruler Sensors Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers Grating Ruler Sensors Production Value Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

Table 45. Rest of World Based Manufacturers Grating Ruler Sensors Production, (2021-2026) & (Units)
Table 46. Rest of World Based Manufacturers Grating Ruler Sensors Production Market Share (2021-2026)
Table 47. World Grating Ruler Sensors Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World Grating Ruler Sensors Production by Type (2021-2026) & (Units)
Table 49. World Grating Ruler Sensors Production by Type (2027-2032) & (Units)
Table 50. World Grating Ruler Sensors Production Value by Type (2021-2026) & (USD Million)
Table 51. World Grating Ruler Sensors Production Value by Type (2027-2032) & (USD Million)
Table 52. World Grating Ruler Sensors Average Price by Type (2021-2026) & (US$/Unit)
Table 53. World Grating Ruler Sensors Average Price by Type (2027-2032) & (US$/Unit)
Table 54. World Grating Ruler Sensors Production Value by Encoding Method, (USD Million), 2021 & 2025 & 2032
Table 55. World Grating Ruler Sensors Production by Encoding Method (2021-2026) & (Units)
Table 56. World Grating Ruler Sensors Production by Encoding Method (2027-2032) & (Units)
Table 57. World Grating Ruler Sensors Production Value by Encoding Method (2021-2026) & (USD Million)
Table 58. World Grating Ruler Sensors Production Value by Encoding Method (2027-2032) & (USD Million)
Table 59. World Grating Ruler Sensors Average Price by Encoding Method (2021-2026) & (US$/Unit)
Table 60. World Grating Ruler Sensors Average Price by Encoding Method (2027-2032) & (US$/Unit)
Table 61. World Grating Ruler Sensors Production Value by Core Accuracy, (USD Million), 2021 & 2025 & 2032
Table 62. World Grating Ruler Sensors Production by Core Accuracy (2021-2026) & (Units)
Table 63. World Grating Ruler Sensors Production by Core Accuracy (2027-2032) & (Units)
Table 64. World Grating Ruler Sensors Production Value by Core Accuracy (2021-2026) & (USD Million)
Table 65. World Grating Ruler Sensors Production Value by Core Accuracy

+357 96 030922
info@marketpublishers.com

(2027-2032) & (USD Million)
Table 66. World Grating Ruler Sensors Average Price by Core Accuracy (2021-2026) & (US$/Unit)
Table 67. World Grating Ruler Sensors Average Price by Core Accuracy (2027-2032) & (US$/Unit)
Table 68. World Grating Ruler Sensors Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 69. World Grating Ruler Sensors Production by Application (2021-2026) & (Units)
Table 70. World Grating Ruler Sensors Production by Application (2027-2032) & (Units)
Table 71. World Grating Ruler Sensors Production Value by Application (2021-2026) & (USD Million)
Table 72. World Grating Ruler Sensors Production Value by Application (2027-2032) & (USD Million)
Table 73. World Grating Ruler Sensors Average Price by Application (2021-2026) & (US$/Unit)
Table 74. World Grating Ruler Sensors Average Price by Application (2027-2032) & (US$/Unit)
Table 75. HEIDENHAIN Group Basic Information, Manufacturing Base and Competitors
Table 76. HEIDENHAIN Group Major Business
Table 77. HEIDENHAIN Group Grating Ruler Sensors Product and Services
Table 78. HEIDENHAIN Group Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 79. HEIDENHAIN Group Recent Developments/Updates
Table 80. HEIDENHAIN Group Competitive Strengths & Weaknesses
Table 81. Magnescale Basic Information, Manufacturing Base and Competitors
Table 82. Magnescale Major Business
Table 83. Magnescale Grating Ruler Sensors Product and Services
Table 84. Magnescale Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. Magnescale Recent Developments/Updates
Table 86. Magnescale Competitive Strengths & Weaknesses
Table 87. Renishaw Basic Information, Manufacturing Base and Competitors
Table 88. Renishaw Major Business
Table 89. Renishaw Grating Ruler Sensors Product and Services
Table 90. Renishaw Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Renishaw Recent Developments/Updates
Table 92. Renishaw Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

Table 93. Mitutoyo Basic Information, Manufacturing Base and Competitors
Table 94. Mitutoyo Major Business
Table 95. Mitutoyo Grating Ruler Sensors Product and Services
Table 96. Mitutoyo Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Mitutoyo Recent Developments/Updates
Table 98. Mitutoyo Competitive Strengths & Weaknesses
Table 99. Fagor Automation Basic Information, Manufacturing Base and Competitors
Table 100. Fagor Automation Major Business
Table 101. Fagor Automation Grating Ruler Sensors Product and Services
Table 102. Fagor Automation Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Fagor Automation Recent Developments/Updates
Table 104. Fagor Automation Competitive Strengths & Weaknesses
Table 105. Novanta Basic Information, Manufacturing Base and Competitors
Table 106. Novanta Major Business
Table 107. Novanta Grating Ruler Sensors Product and Services
Table 108. Novanta Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. Novanta Recent Developments/Updates
Table 110. Novanta Competitive Strengths & Weaknesses
Table 111. GIVI MISURE Basic Information, Manufacturing Base and Competitors
Table 112. GIVI MISURE Major Business
Table 113. GIVI MISURE Grating Ruler Sensors Product and Services
Table 114. GIVI MISURE Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. GIVI MISURE Recent Developments/Updates
Table 116. GIVI MISURE Competitive Strengths & Weaknesses
Table 117. TR-Electronic Basic Information, Manufacturing Base and Competitors
Table 118. TR-Electronic Major Business
Table 119. TR-Electronic Grating Ruler Sensors Product and Services
Table 120. TR-Electronic Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. TR-Electronic Recent Developments/Updates
Table 122. TR-Electronic Competitive Strengths & Weaknesses
Table 123. Yuheng Optics Basic Information, Manufacturing Base and Competitors
Table 124. Yuheng Optics Major Business
Table 125. Yuheng Optics Grating Ruler Sensors Product and Services

+357 96 030922
info@marketpublishers.com

Table 126. Yuheng Optics Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. Yuheng Optics Recent Developments/Updates
Table 128. Yuheng Optics Competitive Strengths & Weaknesses
Table 129. Precizika Metrology Basic Information, Manufacturing Base and Competitors
Table 130. Precizika Metrology Major Business
Table 131. Precizika Metrology Grating Ruler Sensors Product and Services
Table 132. Precizika Metrology Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. Precizika Metrology Recent Developments/Updates
Table 134. Precizika Metrology Competitive Strengths & Weaknesses
Table 135. Easson Measurement Basic Information, Manufacturing Base and Competitors
Table 136. Easson Measurement Major Business
Table 137. Easson Measurement Grating Ruler Sensors Product and Services
Table 138. Easson Measurement Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Easson Measurement Recent Developments/Updates
Table 140. Easson Measurement Competitive Strengths & Weaknesses
Table 141. SINO DRO Basic Information, Manufacturing Base and Competitors
Table 142. SINO DRO Major Business
Table 143. SINO DRO Grating Ruler Sensors Product and Services
Table 144. SINO DRO Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. SINO DRO Recent Developments/Updates
Table 146. SINO DRO Competitive Strengths & Weaknesses
Table 147. Gurley Precision Instruments Basic Information, Manufacturing Base and Competitors
Table 148. Gurley Precision Instruments Major Business
Table 149. Gurley Precision Instruments Grating Ruler Sensors Product and Services
Table 150. Gurley Precision Instruments Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 151. Gurley Precision Instruments Recent Developments/Updates
Table 152. Gurley Precision Instruments Competitive Strengths & Weaknesses
Table 153. DITRON Measuring Basic Information, Manufacturing Base and Competitors
Table 154. DITRON Measuring Major Business

+357 96 030922
info@marketpublishers.com

Table 155. DITRON Measuring Grating Ruler Sensors Product and Services
Table 156. DITRON Measuring Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. DITRON Measuring Recent Developments/Updates
Table 158. DITRON Measuring Competitive Strengths & Weaknesses
Table 159. ELBO Controlli NIKKEN Basic Information, Manufacturing Base and Competitors
Table 160. ELBO Controlli NIKKEN Major Business
Table 161. ELBO Controlli NIKKEN Grating Ruler Sensors Product and Services
Table 162. ELBO Controlli NIKKEN Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 163. ELBO Controlli NIKKEN Recent Developments/Updates
Table 164. ELBO Controlli NIKKEN Competitive Strengths & Weaknesses
Table 165. UPT Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 166. UPT Co., Ltd. Major Business
Table 167. UPT Co., Ltd. Grating Ruler Sensors Product and Services
Table 168. UPT Co., Ltd. Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 169. UPT Co., Ltd. Recent Developments/Updates
Table 170. UPT Co., Ltd. Competitive Strengths & Weaknesses
Table 171. Precision Portal Basic Information, Manufacturing Base and Competitors
Table 172. Precision Portal Major Business
Table 173. Precision Portal Grating Ruler Sensors Product and Services
Table 174. Precision Portal Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 175. Precision Portal Recent Developments/Updates
Table 176. Precision Portal Competitive Strengths & Weaknesses
Table 177. Hopo Tech Basic Information, Manufacturing Base and Competitors
Table 178. Hopo Tech Major Business
Table 179. Hopo Tech Grating Ruler Sensors Product and Services
Table 180. Hopo Tech Grating Ruler Sensors Production (Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 181. Hopo Tech Recent Developments/Updates
Table 182. Hopo Tech Competitive Strengths & Weaknesses
Table 183. Global Key Players of Grating Ruler Sensors Upstream (Raw Materials)
Table 184. Global Grating Ruler Sensors Typical Customers
Table 185. Grating Ruler Sensors Typical Distributors

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Grating Ruler Sensors Picture
Figure 2. World Grating Ruler Sensors Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World Grating Ruler Sensors Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World Grating Ruler Sensors Production (2021-2032) & (Units)
Figure 5. World Grating Ruler Sensors Average Price (2021-2032) & (US$/Unit)
Figure 6. World Grating Ruler Sensors Production Value Market Share by Region (2021-2032)
Figure 7. World Grating Ruler Sensors Production Market Share by Region (2021-2032)
Figure 8. North America Grating Ruler Sensors Production (2021-2032) & (Units)
Figure 9. Europe Grating Ruler Sensors Production (2021-2032) & (Units)
Figure 10. China Grating Ruler Sensors Production (2021-2032) & (Units)
Figure 11. Japan Grating Ruler Sensors Production (2021-2032) & (Units)
Figure 12. South Korea Grating Ruler Sensors Production (2021-2032) & (Units)
Figure 13. China Taiwan Grating Ruler Sensors Production (2021-2032) & (Units)
Figure 14. Grating Ruler Sensors Market Drivers
Figure 15. Factors Affecting Demand
Figure 16. World Grating Ruler Sensors Consumption (2021-2032) & (Units)
Figure 17. World Grating Ruler Sensors Consumption Market Share by Region (2021-2032)
Figure 18. United States Grating Ruler Sensors Consumption (2021-2032) & (Units)
Figure 19. China Grating Ruler Sensors Consumption (2021-2032) & (Units)
Figure 20. Europe Grating Ruler Sensors Consumption (2021-2032) & (Units)
Figure 21. Japan Grating Ruler Sensors Consumption (2021-2032) & (Units)
Figure 22. South Korea Grating Ruler Sensors Consumption (2021-2032) & (Units)
Figure 23. ASEAN Grating Ruler Sensors Consumption (2021-2032) & (Units)
Figure 24. India Grating Ruler Sensors Consumption (2021-2032) & (Units)
Figure 25. Producer Shipments of Grating Ruler Sensors by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 26. Global Four-firm Concentration Ratios (CR4) for Grating Ruler Sensors Markets in 2025
Figure 27. Global Four-firm Concentration Ratios (CR8) for Grating Ruler Sensors Markets in 2025
Figure 28. United States VS China: Grating Ruler Sensors Production Value Market

+357 96 030922
info@marketpublishers.com

Share Comparison (2021 & 2025 & 2032)
Figure 29. United States VS China: Grating Ruler Sensors Production Market Share Comparison (2021 & 2025 & 2032)
Figure 30. United States VS China: Grating Ruler Sensors Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 31. United States Based Manufacturers Grating Ruler Sensors Production Market Share 2025
Figure 32. China Based Manufacturers Grating Ruler Sensors Production Market Share 2025
Figure 33. Rest of World Based Manufacturers Grating Ruler Sensors Production Market Share 2025
Figure 34. World Grating Ruler Sensors Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 35. World Grating Ruler Sensors Production Value Market Share by Type in 2025
Figure 36. Sealed Linear Encoders
Figure 37. Exposed Linear Encoders
Figure 38. Integrated DRO Glass Scales
Figure 39. Others
Figure 40. World Grating Ruler Sensors Production Market Share by Type (2021-2032)
Figure 41. World Grating Ruler Sensors Production Value Market Share by Type (2021-2032)
Figure 42. World Grating Ruler Sensors Average Price by Type (2021-2032) & (US$/Unit)
Figure 43. World Grating Ruler Sensors Production Value by Encoding Method, (USD Million), 2021 & 2025 & 2032
Figure 44. World Grating Ruler Sensors Production Value Market Share by Encoding Method in 2025
Figure 45. Incremental Optical Linear Encoders
Figure 46. Absolute Optical Linear Encoders
Figure 47. Distance-coded Reference Encoders
Figure 48. Others
Figure 49. World Grating Ruler Sensors Production Market Share by Encoding Method (2021-2032)
Figure 50. World Grating Ruler Sensors Production Value Market Share by Encoding Method (2021-2032)
Figure 51. World Grating Ruler Sensors Average Price by Encoding Method (2021-2032) & (US$/Unit)
Figure 52. World Grating Ruler Sensors Production Value by Core Accuracy, (USD

+357 96 030922
info@marketpublishers.com

Million), 2021 & 2025 & 2032
Figure 53. World Grating Ruler Sensors Production Value Market Share by Core Accuracy in 2025
Figure 54. Standard Precision Grade: Linearity Error of ?5 ?m or Greater
Figure 55. Medium-to-High Precision Grade: Linearity Error of ?1 To ?5 ?m
Figure 56. Ultra-High Precision Grade: Linearity Error Within ?1 ?m
Figure 57. World Grating Ruler Sensors Production Market Share by Core Accuracy (2021-2032)
Figure 58. World Grating Ruler Sensors Production Value Market Share by Core Accuracy (2021-2032)
Figure 59. World Grating Ruler Sensors Average Price by Core Accuracy (2021-2032) & (US$/Unit)
Figure 60. World Grating Ruler Sensors Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 61. World Grating Ruler Sensors Production Value Market Share by Application in 2025
Figure 62. CNC Machine Tools and Metalworking
Figure 63. Semiconductor and Electronics Manufacturing
Figure 64. New Energy Equipment
Figure 65. Others
Figure 66. World Grating Ruler Sensors Production Market Share by Application (2021-2032)
Figure 67. World Grating Ruler Sensors Production Value Market Share by Application (2021-2032)
Figure 68. World Grating Ruler Sensors Average Price by Application (2021-2032) & (US$/Unit)
Figure 69. Grating Ruler Sensors Industry Chain
Figure 70. Grating Ruler Sensors Procurement Model
Figure 71. Grating Ruler Sensors Sales Model
Figure 72. Grating Ruler Sensors Sales Channels, Direct Sales, and Distribution
Figure 73. Methodology
Figure 74. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Grating Ruler Sensors Supply, Demand and Key Producers, 2026-2032
Product link: https://marketpublishers.com/r/GF3AD95B5209EN.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/GF3AD95B5209EN.html