

Global Steel Tape Optical Scale Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GFA5A04880F2EN.html>

Date: October 2025

Pages: 90

Price: US\$ 3,132.00 (Single User License)

ID: GFA5A04880F2EN

Abstracts

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

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

Steel Tape Optical Scale is a precision measuring device based on optical principles, using steel strip as the substrate for high-precision measurement of displacement and length. The grating ruler determines the position by reading the grating lines on the steel strip. It is widely used in various industrial automation equipment, CNC machine tools, precision instruments and measurement systems. Its main function is to measure and feedback the displacement of the motion system to achieve precise positioning and control.

This report is a detailed and comprehensive analysis for global Steel Tape Optical Scale 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 Steel Tape Optical Scale market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

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

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

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

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Steel Tape Optical Scale
- 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 Steel Tape Optical Scale 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 Renishaw, Fagor, Heidenhain, Havlicek, Belen Auto, Dalian LAMOTION, Guangzhou Xinhé, etc.

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

Market Segmentation

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

Market segment by Type

Spacing: Less Than or Equal to 40 Microns

Spacing: Above 40 Microns

Market segment by Application

CNC Machine Tools

Equipment Measurement

Other

Major players covered

Renishaw

Fagor

Heidenhain

Havlicek

Belen Auto

Dalian LAMOTION

Guangzhou Xinhe

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 Steel Tape Optical Scale product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Steel Tape Optical Scale, with price, sales quantity, revenue, and global market share of Steel Tape Optical Scale from 2020 to 2025.

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

Chapter 4, the Steel Tape Optical Scale breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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

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

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

Chapter 13, the key raw materials and key suppliers, and industry chain of Steel Tape Optical Scale.

Chapter 14 and 15, to describe Steel Tape Optical Scale sales channel, distributors, customers, research findings and conclusion.

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