

Global Etching End-point Monitors Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Etching End-point Monitors market size was valued at US\$ 889 million in 2024 and is forecast to a readjusted size of USD 1276 million by 2031 with a CAGR of 5.5% during review period.

Etching end-point monitors are specialized devices or systems used in semiconductor manufacturing to detect the precise moment when an etching process should be stopped. These monitors track changes in parameters such as optical emissions, mass spectrometry signals, or electrical properties to determine when the desired material layer has been fully etched without over-etching into underlying layers. By providing real-time feedback, etching end-point monitors help improve process accuracy, yield, and consistency in the fabrication of microelectronic components.

This report is a detailed and comprehensive analysis for global Etching End-point Monitors 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.

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.

Key Features:

Global Etching End-point Monitors Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031...

Global Etching End-point Monitors market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Etching End-point Monitors 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 Etching End-point Monitors 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 Etching End-point Monitors 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 Etching End-point Monitors
- 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 Etching End-point Monitors 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 Applied Materials, Lam Research, KLA Corporation, Onto Innovation, Veeco Instruments, Bruker Corporation, MicroE Systems, Ametek, Nanospectra Biosciences, Buehler (ITW), etc.

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

Market Segmentation

Etching End-point Monitors 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

- Optical End-point Monitors
- Acoustic End-point Monitors
- Mass Spectrometry End-point Monitors
- Laser Interferometry End-point Monitors
- Others

Market segment by Application

- Semiconductor Manufacturing
- Lithography Manufacturing
- MEMS Fabrication
- Solar Cell Manufacturing
- Thin Film Industries
- Hard Disk Drive Manufacturing
- Others

Major players covered

- Applied Materials
- Lam Research
- KLA Corporation
- Onto Innovation

Veeco Instruments

Bruker Corporation

MicroE Systems

Ametek

Nanospectra Biosciences

Buehler (ITW)

Oxford Instruments

Nova Measuring Instruments

Imec vzw

S?ss MicroTec

JENOPTIK

FHR Anlagenbau

Tokyo Electron

ASML Holding

Hitachi High-Tech

Advantest

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 Etching End-point Monitors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Etching End-point Monitors, with price, sales quantity, revenue, and global market share of Etching End-point Monitors from 2020 to 2025.

Chapter 3, the Etching End-point Monitors competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Etching End-point Monitors 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 Etching End-point Monitors 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 Etching End-point Monitors.

Chapter 14 and 15, to describe Etching End-point Monitors sales channel, distributors, customers, research findings and conclusion.

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