

Global Positive Material Identification (PMI) Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Positive Material Identification (PMI) market size was valued at USD 2427.6 million in 2023 and is forecast to a readjusted size of USD 3518.6 million by 2030 with a CAGR of 5.4% during review period.

Positive Material Identification (PMI) is the analysis of a metallic alloy to establish composition by reading the quantities by percentage of its constituent elements.

In terms of regions, Asia Pacific (APAC) accounted for the largest share of the PMI market in 2017. Countries in APAC are involved in the manufacturing of defense aircraft, which is expected to increase the adoption of PMI methods in the aerospace and defense industry. Many infrastructural development projects are under construction in this region and are scheduled to be completed during 2018–2023. The demand for automobiles in this region is estimated to grow by 2023, which would result in the need to increase the manufacturing of vehicles.

The Global Info Research report includes an overview of the development of the Positive Material Identification (PMI) industry chain, the market status of Oil & Gas (X-Ray Fluorescence (XRF), Optical Emission Spectrometry (OES)), Metals & Heavy Machinery (X-Ray Fluorescence (XRF), Optical Emission Spectrometry (OES)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Positive Material Identification (PMI).

Regionally, the report analyzes the Positive Material Identification (PMI) markets in key

regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Positive Material Identification (PMI) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Positive Material Identification (PMI) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Positive Material Identification (PMI) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., X-Ray Fluorescence (XRF), Optical Emission Spectrometry (OES)).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Positive Material Identification (PMI) market.

Regional Analysis: The report involves examining the Positive Material Identification (PMI) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Positive Material Identification (PMI) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Positive Material Identification (PMI):

Company Analysis: Report covers individual Positive Material Identification (PMI) players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and

strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Positive Material Identification (PMI). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Oil & Gas, Metals & Heavy Machinery).

Technology Analysis: Report covers specific technologies relevant to Positive Material Identification (PMI). It assesses the current state, advancements, and potential future developments in Positive Material Identification (PMI) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Positive Material Identification (PMI) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Positive Material Identification (PMI) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Market segment by Type

X-Ray Fluorescence (XRF)

Optical Emission Spectrometry (OES)

Market segment by Application

Oil & Gas

Metals & Heavy Machinery

Aerospace & Defense

Automotive

Chemicals

Infrastructure

Pharmaceutical

Power Generation

Scrap Recycling

Market segment by players, this report covers

Olympus

Thermo Fisher

Bruker

Hitachi

Ametek

Shimadzu

Panalytical

SGS

Bureau Veritas

Intertek

TUV SUD

Element Materials Technology

TUV Rheinland

Applus

TUV Nord

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Positive Material Identification (PMI) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Positive Material Identification (PMI), with revenue, gross margin and global market share of Positive Material Identification (PMI) from 2019 to 2024.

Chapter 3, the Positive Material Identification (PMI) competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024.

Positive Material Identification (PMI) market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Positive Material Identification (PMI).

Chapter 13, to describe Positive Material Identification (PMI) research findings and conclusion.

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