

# 2018-2023 Global Positive Material Identification (PMI) Market Report (Status and Outlook)

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information studies the present scenario (with the base year being 2017) and the growth prospects of global Positive Material Identification (PMI) market for 2018-2023.

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 oil and gas industry held the largest share of the PMI market in 2017. In the oil and gas industry, the prevention of the release of highly hazardous chemicals and toxic substances is of prime importance. Moreover, incurable accidents and damages, pipe leakages, premature pipe replacements, property damage, and unplanned outages at sites (such as refineries, chemical plants, and gas processing facilities) are some of the major issues faced by these facilities. These issues arise as a consequence of the use of faulty or forged metal building components, sulfidic deterioration of piping and critical equipment, or use of materials that do not meet the required specifications. PMI analyzers assist in checking the necessary parameters of these components and piping. Thus, the demand for these analyzers is likely to increase in the oil and gas industry. Over the next five years, LPI(LP Information) projects that Positive Material

Identification (PMI) will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares and growth opportunities of Positive Material Identification (PMI) market by product type, application, key companies and key regions.

To calculate the market size, LP Information considers value generated from the sales of the following segments:

Segmentation by product type:

X-Ray Fluorescence (XRF)

Optical Emission Spectrometry (OES)

Segmentation by application:

Oil & Gas

Metals & Heavy Machinery

Aerospace & Defense

Automotive

Chemicals

Infrastructure

Pharmaceutical

Power Generation

Scrap Recycling

We can also provide the customized separate regional or country-level reports, for the

following regions:

Americas

United States

Canada

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Brazil

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Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Olympus

Thermo Fisher

Bruker

Hitachi

Ametek

Shimadzu

Panalytical

SGS

Bureau Veritas

Intertek

TUV SUD

Element Materials Technology

TUV Rheinland

Applus

TUV Nord

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key players and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### Research objectives

To study and analyze the global Positive Material Identification (PMI) market size by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Positive Material Identification (PMI) market by identifying its various subsegments.

Focuses on the key global Positive Material Identification (PMI) players, to define, describe and analyze the value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Positive Material Identification (PMI) with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the size of Positive Material Identification (PMI) submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new

product launches and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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