

# Global Positive Material Identification (PMI) Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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## Abstracts

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

Scope of the Report:

This report studies the Positive Material Identification (PMI) market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Positive Material Identification (PMI) market by product type and applications/end industries. 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.

The global Positive Material Identification (PMI) market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Positive Material Identification (PMI).

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, 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 and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

X-Ray Fluorescence (XRF)

Optical Emission Spectrometry (OES)

Market Segment by Applications, can be divided into

Oil & Gas

Metals & Heavy Machinery

Aerospace & Defense

Automotive

Chemicals

Infrastructure

Pharmaceutical

Power Generation

Scrap Recycling

## Contents

### 1 POSITIVE MATERIAL IDENTIFICATION (PMI) MARKET OVERVIEW

1.1 Product Overview and Scope of Positive Material Identification (PMI)

1.2 Classification of Positive Material Identification (PMI) by Types

1.2.1 Global Positive Material Identification (PMI) Revenue Comparison by Types (2017-2023)

1.2.2 Global Positive Material Identification (PMI) Revenue Market Share by Types in 2017

1.2.3 X-Ray Fluorescence (XRF)

1.2.4 Optical Emission Spectrometry (OES)

1.3 Global Positive Material Identification (PMI) Market by Application

1.3.1 Global Positive Material Identification (PMI) Market Size and Market Share Comparison by Applications (2013-2023)

1.3.2 Oil & Gas

1.3.3 Metals & Heavy Machinery

1.3.4 Aerospace & Defense

1.3.5 Automotive

1.3.6 Chemicals

1.3.7 Infrastructure

1.3.8 Pharmaceutical

1.3.9 Power Generation

1.3.10 Scrap Recycling

1.4 Global Positive Material Identification (PMI) Market by Regions

1.4.1 Global Positive Material Identification (PMI) Market Size (Million USD) Comparison by Regions (2013-2023)

1.4.1 North America (USA, Canada and Mexico) Positive Material Identification (PMI) Status and Prospect (2013-2023)

1.4.2 Europe (Germany, France, UK, Russia and Italy) Positive Material Identification (PMI) Status and Prospect (2013-2023)

1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) Positive Material Identification (PMI) Status and Prospect (2013-2023)

1.4.4 South America (Brazil, Argentina, Colombia) Positive Material Identification (PMI) Status and Prospect (2013-2023)

1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Positive Material Identification (PMI) Status and Prospect (2013-2023)

1.5 Global Market Size of Positive Material Identification (PMI) (2013-2023)

## 2 MANUFACTURERS PROFILES

### 2.1 Olympus

#### 2.1.1 Business Overview

#### 2.1.2 Positive Material Identification (PMI) Type and Applications

##### 2.1.2.1 Product A

##### 2.1.2.2 Product B

#### 2.1.3 Olympus Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

### 2.2 Thermo Fisher

#### 2.2.1 Business Overview

#### 2.2.2 Positive Material Identification (PMI) Type and Applications

##### 2.2.2.1 Product A

##### 2.2.2.2 Product B

#### 2.2.3 Thermo Fisher Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

### 2.3 Bruker

#### 2.3.1 Business Overview

#### 2.3.2 Positive Material Identification (PMI) Type and Applications

##### 2.3.2.1 Product A

##### 2.3.2.2 Product B

#### 2.3.3 Bruker Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

### 2.4 Hitachi

#### 2.4.1 Business Overview

#### 2.4.2 Positive Material Identification (PMI) Type and Applications

##### 2.4.2.1 Product A

##### 2.4.2.2 Product B

#### 2.4.3 Hitachi Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

### 2.5 Ametek

#### 2.5.1 Business Overview

#### 2.5.2 Positive Material Identification (PMI) Type and Applications

##### 2.5.2.1 Product A

##### 2.5.2.2 Product B

#### 2.5.3 Ametek Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

### 2.6 Shimadzu

#### 2.6.1 Business Overview

- 2.6.2 Positive Material Identification (PMI) Type and Applications
  - 2.6.2.1 Product A
  - 2.6.2.2 Product B
- 2.6.3 Shimadzu Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)
- 2.7 Panalytical
  - 2.7.1 Business Overview
  - 2.7.2 Positive Material Identification (PMI) Type and Applications
    - 2.7.2.1 Product A
    - 2.7.2.2 Product B
  - 2.7.3 Panalytical Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)
- 2.8 SGS
  - 2.8.1 Business Overview
  - 2.8.2 Positive Material Identification (PMI) Type and Applications
    - 2.8.2.1 Product A
    - 2.8.2.2 Product B
  - 2.8.3 SGS Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)
- 2.9 Bureau Veritas
  - 2.9.1 Business Overview
  - 2.9.2 Positive Material Identification (PMI) Type and Applications
    - 2.9.2.1 Product A
    - 2.9.2.2 Product B
  - 2.9.3 Bureau Veritas Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)
- 2.10 Intertek
  - 2.10.1 Business Overview
  - 2.10.2 Positive Material Identification (PMI) Type and Applications
    - 2.10.2.1 Product A
    - 2.10.2.2 Product B
  - 2.10.3 Intertek Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)
- 2.11 TUV SUD
  - 2.11.1 Business Overview
  - 2.11.2 Positive Material Identification (PMI) Type and Applications
    - 2.11.2.1 Product A
    - 2.11.2.2 Product B
  - 2.11.3 TUV SUD Positive Material Identification (PMI) Revenue, Gross Margin and

Market Share (2016-2017)

2.12 Element Materials Technology

2.12.1 Business Overview

2.12.2 Positive Material Identification (PMI) Type and Applications

2.12.2.1 Product A

2.12.2.2 Product B

2.12.3 Element Materials Technology Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

2.13 TUV Rheinland

2.13.1 Business Overview

2.13.2 Positive Material Identification (PMI) Type and Applications

2.13.2.1 Product A

2.13.2.2 Product B

2.13.3 TUV Rheinland Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

2.14 Applus

2.14.1 Business Overview

2.14.2 Positive Material Identification (PMI) Type and Applications

2.14.2.1 Product A

2.14.2.2 Product B

2.14.3 Applus Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

2.15 TUV Nord

2.15.1 Business Overview

2.15.2 Positive Material Identification (PMI) Type and Applications

2.15.2.1 Product A

2.15.2.2 Product B

2.15.3 TUV Nord Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

### **3 GLOBAL POSITIVE MATERIAL IDENTIFICATION (PMI) MARKET COMPETITION, BY PLAYERS**

3.1 Global Positive Material Identification (PMI) Revenue and Share by Players (2013-2018)

3.2 Market Concentration Rate

3.2.1 Top 5 Positive Material Identification (PMI) Players Market Share

3.2.2 Top 10 Positive Material Identification (PMI) Players Market Share

3.3 Market Competition Trend



## **4 GLOBAL POSITIVE MATERIAL IDENTIFICATION (PMI) MARKET SIZE BY REGIONS**

- 4.1 Global Positive Material Identification (PMI) Revenue and Market Share by Regions
- 4.2 North America Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)
- 4.3 Europe Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)
- 4.5 South America Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

## **5 NORTH AMERICA POSITIVE MATERIAL IDENTIFICATION (PMI) REVENUE BY COUNTRIES**

- 5.1 North America Positive Material Identification (PMI) Revenue by Countries (2013-2018)
- 5.2 USA Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)
- 5.3 Canada Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)
- 5.4 Mexico Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

## **6 EUROPE POSITIVE MATERIAL IDENTIFICATION (PMI) REVENUE BY COUNTRIES**

- 6.1 Europe Positive Material Identification (PMI) Revenue by Countries (2013-2018)
- 6.2 Germany Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)
- 6.3 UK Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)
- 6.4 France Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)
- 6.5 Russia Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)
- 6.6 Italy Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

## **7 ASIA-PACIFIC POSITIVE MATERIAL IDENTIFICATION (PMI) REVENUE BY COUNTRIES**

7.1 Asia-Pacific Positive Material Identification (PMI) Revenue by Countries (2013-2018)

7.2 China Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

7.3 Japan Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

7.4 Korea Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

7.5 India Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

7.6 Southeast Asia Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

## **8 SOUTH AMERICA POSITIVE MATERIAL IDENTIFICATION (PMI) REVENUE BY COUNTRIES**

8.1 South America Positive Material Identification (PMI) Revenue by Countries (2013-2018)

8.2 Brazil Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

8.3 Argentina Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

8.4 Colombia Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

## **9 MIDDLE EAST AND AFRICA REVENUE POSITIVE MATERIAL IDENTIFICATION (PMI) BY COUNTRIES**

9.1 Middle East and Africa Positive Material Identification (PMI) Revenue by Countries (2013-2018)

9.2 Saudi Arabia Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

9.3 UAE Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

9.4 Egypt Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

9.5 Nigeria Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

9.6 South Africa Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

## **10 GLOBAL POSITIVE MATERIAL IDENTIFICATION (PMI) MARKET SEGMENT BY TYPE**

10.1 Global Positive Material Identification (PMI) Revenue and Market Share by Type (2013-2018)

10.2 Global Positive Material Identification (PMI) Market Forecast by Type (2018-2023)

10.3 X-Ray Fluorescence (XRF) Revenue Growth Rate (2013-2023)

10.4 Optical Emission Spectrometry (OES) Revenue Growth Rate (2013-2023)

## **11 GLOBAL POSITIVE MATERIAL IDENTIFICATION (PMI) MARKET SEGMENT BY APPLICATION**

11.1 Global Positive Material Identification (PMI) Revenue Market Share by Application (2013-2018)

11.2 Positive Material Identification (PMI) Market Forecast by Application (2018-2023)

11.3 Oil & Gas Revenue Growth (2013-2018)

11.4 Metals & Heavy Machinery Revenue Growth (2013-2018)

11.5 Aerospace & Defense Revenue Growth (2013-2018)

11.6 Automotive Revenue Growth (2013-2018)

11.7 Chemicals Revenue Growth (2013-2018)

11.8 Infrastructure Revenue Growth (2013-2018)

11.9 Pharmaceutical Revenue Growth (2013-2018)

11.10 Power Generation Revenue Growth (2013-2018)

11.11 Scrap Recycling Revenue Growth (2013-2018)

## **12 GLOBAL POSITIVE MATERIAL IDENTIFICATION (PMI) MARKET SIZE FORECAST (2018-2023)**

12.1 Global Positive Material Identification (PMI) Market Size Forecast (2018-2023)

12.2 Global Positive Material Identification (PMI) Market Forecast by Regions (2018-2023)

12.3 North America Positive Material Identification (PMI) Revenue Market Forecast (2018-2023)

12.4 Europe Positive Material Identification (PMI) Revenue Market Forecast (2018-2023)

12.5 Asia-Pacific Positive Material Identification (PMI) Revenue Market Forecast (2018-2023)

12.6 South America Positive Material Identification (PMI) Revenue Market Forecast (2018-2023)

12.7 Middle East and Africa Positive Material Identification (PMI) Revenue Market Forecast (2018-2023)

## **13 RESEARCH FINDINGS AND CONCLUSION**

## **14 APPENDIX**

14.1 Methodology

14.2 Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Positive Material Identification (PMI) Picture

Table Product Specifications of Positive Material Identification (PMI)

Table Global Positive Material Identification (PMI) and Revenue (Million USD) Market Split by Product Type

Figure Global Positive Material Identification (PMI) Revenue Market Share by Types in 2017

Figure X-Ray Fluorescence (XRF) Picture

Figure Optical Emission Spectrometry (OES) Picture

Table Global Positive Material Identification (PMI) Revenue (Million USD) by Application (2013-2023)

Figure Positive Material Identification (PMI) Revenue Market Share by Applications in 2017

Figure Oil & Gas Picture

Figure Metals & Heavy Machinery Picture

Figure Aerospace & Defense Picture

Figure Automotive Picture

Figure Chemicals Picture

Figure Infrastructure Picture

Figure Pharmaceutical Picture

Figure Power Generation Picture

Figure Scrap Recycling Picture

Table Global Market Positive Material Identification (PMI) Revenue (Million USD) Comparison by Regions 2013-2023

Figure North America Positive Material Identification (PMI) Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe Positive Material Identification (PMI) Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific Positive Material Identification (PMI) Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America Positive Material Identification (PMI) Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa Positive Material Identification (PMI) Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global Positive Material Identification (PMI) Revenue (Million USD) and Growth Rate (2013-2023)

Table Olympus Basic Information, Manufacturing Base and Competitors

Table Olympus Positive Material Identification (PMI) Type and Applications

Table Olympus Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Thermo Fisher Basic Information, Manufacturing Base and Competitors

Table Thermo Fisher Positive Material Identification (PMI) Type and Applications

Table Thermo Fisher Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Bruker Basic Information, Manufacturing Base and Competitors

Table Bruker Positive Material Identification (PMI) Type and Applications

Table Bruker Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Hitachi Basic Information, Manufacturing Base and Competitors

Table Hitachi Positive Material Identification (PMI) Type and Applications

Table Hitachi Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Ametek Basic Information, Manufacturing Base and Competitors

Table Ametek Positive Material Identification (PMI) Type and Applications

Table Ametek Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Shimadzu Basic Information, Manufacturing Base and Competitors

Table Shimadzu Positive Material Identification (PMI) Type and Applications

Table Shimadzu Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Panalytical Basic Information, Manufacturing Base and Competitors

Table Panalytical Positive Material Identification (PMI) Type and Applications

Table Panalytical Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table SGS Basic Information, Manufacturing Base and Competitors

Table SGS Positive Material Identification (PMI) Type and Applications

Table SGS Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Bureau Veritas Basic Information, Manufacturing Base and Competitors

Table Bureau Veritas Positive Material Identification (PMI) Type and Applications

Table Bureau Veritas Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Intertek Basic Information, Manufacturing Base and Competitors

Table Intertek Positive Material Identification (PMI) Type and Applications

Table Intertek Positive Material Identification (PMI) Revenue, Gross Margin and Market

Share (2016-2017)

Table TUV SUD Basic Information, Manufacturing Base and Competitors

Table TUV SUD Positive Material Identification (PMI) Type and Applications

Table TUV SUD Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Element Materials Technology Basic Information, Manufacturing Base and Competitors

Table Element Materials Technology Positive Material Identification (PMI) Type and Applications

Table Element Materials Technology Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table TUV Rheinland Basic Information, Manufacturing Base and Competitors

Table TUV Rheinland Positive Material Identification (PMI) Type and Applications

Table TUV Rheinland Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Applus Basic Information, Manufacturing Base and Competitors

Table Applus Positive Material Identification (PMI) Type and Applications

Table Applus Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table TUV Nord Basic Information, Manufacturing Base and Competitors

Table TUV Nord Positive Material Identification (PMI) Type and Applications

Table TUV Nord Positive Material Identification (PMI) Revenue, Gross Margin and Market Share (2016-2017)

Table Global Positive Material Identification (PMI) Revenue (Million USD) by Players (2013-2018)

Table Global Positive Material Identification (PMI) Revenue Share by Players (2013-2018)

Figure Global Positive Material Identification (PMI) Revenue Share by Players in 2016

Figure Global Positive Material Identification (PMI) Revenue Share by Players in 2017

Figure Global Top 5 Players Positive Material Identification (PMI) Revenue Market Share in 2017

Figure Global Top 10 Players Positive Material Identification (PMI) Revenue Market Share in 2017

Figure Global Positive Material Identification (PMI) Revenue (Million USD) and Growth Rate (%) (2013-2018)

Table Global Positive Material Identification (PMI) Revenue (Million USD) by Regions (2013-2018)

Table Global Positive Material Identification (PMI) Revenue Market Share by Regions (2013-2018)

Figure Global Positive Material Identification (PMI) Revenue Market Share by Regions (2013-2018)

Figure Global Positive Material Identification (PMI) Revenue Market Share by Regions in 2017

Figure North America Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Europe Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure South America Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Table North America Positive Material Identification (PMI) Revenue by Countries (2013-2018)

Table North America Positive Material Identification (PMI) Revenue Market Share by Countries (2013-2018)

Figure North America Positive Material Identification (PMI) Revenue Market Share by Countries (2013-2018)

Figure North America Positive Material Identification (PMI) Revenue Market Share by Countries in 2017

Figure USA Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Canada Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Mexico Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Table Europe Positive Material Identification (PMI) Revenue (Million USD) by Countries (2013-2018)

Figure Europe Positive Material Identification (PMI) Revenue Market Share by Countries (2013-2018)

Figure Europe Positive Material Identification (PMI) Revenue Market Share by Countries in 2017

Figure Germany Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure UK Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure France Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)



Figure Russia Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Italy Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Positive Material Identification (PMI) Revenue (Million USD) by Countries (2013-2018)

Figure Asia-Pacific Positive Material Identification (PMI) Revenue Market Share by Countries (2013-2018)

Figure Asia-Pacific Positive Material Identification (PMI) Revenue Market Share by Countries in 2017

Figure China Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Japan Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Korea Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure India Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Southeast Asia Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Table South America Positive Material Identification (PMI) Revenue by Countries (2013-2018)

Table South America Positive Material Identification (PMI) Revenue Market Share by Countries (2013-2018)

Figure South America Positive Material Identification (PMI) Revenue Market Share by Countries (2013-2018)

Figure South America Positive Material Identification (PMI) Revenue Market Share by Countries in 2017

Figure Brazil Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Argentina Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Colombia Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Positive Material Identification (PMI) Revenue (Million USD) by Countries (2013-2018)

Table Middle East and Africa Positive Material Identification (PMI) Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Positive Material Identification (PMI) Revenue Market

Share by Countries (2013-2018)

Figure Middle East and Africa Positive Material Identification (PMI) Revenue Market Share by Countries in 2017

Figure Saudi Arabia Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure UAE Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Egypt Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure Nigeria Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Figure South Africa Positive Material Identification (PMI) Revenue and Growth Rate (2013-2018)

Table Global Positive Material Identification (PMI) Revenue (Million USD) by Type (2013-2018)

Table Global Positive Material Identification (PMI) Revenue Share by Type (2013-2018)

Figure Global Positive Material Identification (PMI) Revenue Share by Type (2013-2018)

Figure Global Positive Material Identification (PMI) Revenue Share by Type in 2017

Table Global Positive Material Identification (PMI) Revenue Forecast by Type (2018-2023)

Figure Global Positive Material Identification (PMI) Market Share Forecast by Type (2018-2023)

Figure Global X-Ray Fluorescence (XRF) Revenue Growth Rate (2013-2018)

Figure Global Optical Emission Spectrometry (OES) Revenue Growth Rate (2013-2018)

Table Global Positive Material Identification (PMI) Revenue by Application (2013-2018)

Table Global Positive Material Identification (PMI) Revenue Share by Application (2013-2018)

Figure Global Positive Material Identification (PMI) Revenue Share by Application (2013-2018)

Figure Global Positive Material Identification (PMI) Revenue Share by Application in 2017

Table Global Positive Material Identification (PMI) Revenue Forecast by Application (2018-2023)

Figure Global Positive Material Identification (PMI) Market Share Forecast by Application (2018-2023)

Figure Global Oil & Gas Revenue Growth Rate (2013-2018)

Figure Global Metals & Heavy Machinery Revenue Growth Rate (2013-2018)

Figure Global Aerospace & Defense Revenue Growth Rate (2013-2018)

Figure Global Automotive Revenue Growth Rate (2013-2018)

Figure Global Chemicals Revenue Growth Rate (2013-2018)

Figure Global Infrastructure Revenue Growth Rate (2013-2018)

Figure Global Pharmaceutical Revenue Growth Rate (2013-2018)

Figure Global Power Generation Revenue Growth Rate (2013-2018)

Figure Global Scrap Recycling Revenue Growth Rate (2013-2018)

Figure Global Positive Material Identification (PMI) Revenue (Million USD) and Growth Rate Forecast (2018 -2023)

Table Global Positive Material Identification (PMI) Revenue (Million USD) Forecast by Regions (2018-2023)

Figure Global Positive Material Identification (PMI) Revenue Market Share Forecast by Regions (2018-2023)

Figure North America Positive Material Identification (PMI) Revenue Market Forecast (2018-2023)

Figure Europe Positive Material Identification (PMI) Revenue Market Forecast (2018-2023)

Figure Asia-Pacific Positive Material Identification (PMI) Revenue Market Forecast (2018-2023)

Figure South America Positive Material Identification (PMI) Revenue Market Forecast (2018-2023)

Figure Middle East and Africa Positive Material Identification (PMI) Revenue Market Forecast (2018-2023)

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