

# Global Penetrant Inspection (PI) Services Market Growth (Status and Outlook) 2023-2029

<https://marketpublishers.com/r/GE231DA8D0FBEN.html>

Date: June 2023

Pages: 121

Price: US\$ 3,660.00 (Single User License)

ID: GE231DA8D0FBEN

## Abstracts

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

The global Penetrant Inspection (PI) Services market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Penetrant Inspection (PI) Services is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Penetrant Inspection (PI) Services is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Penetrant Inspection (PI) Services is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Penetrant Inspection (PI) Services players cover Avior, Sinto, N.D. Technologies, Peening Technologies, Solar Atmospheres, Met-L-Test Laboratory, Newco, Incertec and American Metal Testing, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

Penetrant Inspection (PI) is a type of non-destructive testing that applies fluorescent dyes to the surface of non-porous materials to detect defects that could compromise the integrity or quality of the part in question.

LPI (LP Information)' newest research report, the "Penetrant Inspection (PI) Services

Industry Forecast” looks at past sales and reviews total world Penetrant Inspection (PI) Services sales in 2022, providing a comprehensive analysis by region and market sector of projected Penetrant Inspection (PI) Services sales for 2023 through 2029. With Penetrant Inspection (PI) Services sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Penetrant Inspection (PI) Services industry.

This Insight Report provides a comprehensive analysis of the global Penetrant Inspection (PI) Services landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Penetrant Inspection (PI) Services portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Penetrant Inspection (PI) Services market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Penetrant Inspection (PI) Services and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Penetrant Inspection (PI) Services.

This report presents a comprehensive overview, market shares, and growth opportunities of Penetrant Inspection (PI) Services market by product type, application, key players and key regions and countries.

## Market Segmentation:

### Segmentation by type

Fluorescent (Type I)

Visible (Type II)

### Segmentation by application

Aerospace

Automotive

Construction

Defense

Energy

Medical

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Avior

Sinto

N.D. Technologies

Peening Technologies

Solar Atmospheres

Met-L-Test Laboratory

Newco

Incertec

American Metal Testing

Wolkerstorfer

Applus+

DEXON Technology

RNDT

Code Steel

Material Inspection Technology

Metallurgical Engineering Services

Magna Chek

DEKRA

Centre Testing International Group

Ningbo zenith nondestructive testing

Zhong Xing Sea-Land Engineering

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Penetrant Inspection (PI) Services Market Size 2018-2029
  - 2.1.2 Penetrant Inspection (PI) Services Market Size CAGR by Region 2018 VS 2022 VS 2029
- 2.2 Penetrant Inspection (PI) Services Segment by Type
  - 2.2.1 Fluorescent (Type I)
  - 2.2.2 Visible (Type II)
- 2.3 Penetrant Inspection (PI) Services Market Size by Type
  - 2.3.1 Penetrant Inspection (PI) Services Market Size CAGR by Type (2018 VS 2022 VS 2029)
  - 2.3.2 Global Penetrant Inspection (PI) Services Market Size Market Share by Type (2018-2023)
- 2.4 Penetrant Inspection (PI) Services Segment by Application
  - 2.4.1 Aerospace
  - 2.4.2 Automotive
  - 2.4.3 Construction
  - 2.4.4 Defense
  - 2.4.5 Energy
  - 2.4.6 Medical
  - 2.4.7 Other
- 2.5 Penetrant Inspection (PI) Services Market Size by Application
  - 2.5.1 Penetrant Inspection (PI) Services Market Size CAGR by Application (2018 VS 2022 VS 2029)
  - 2.5.2 Global Penetrant Inspection (PI) Services Market Size Market Share by

Application (2018-2023)

### **3 PENETRANT INSPECTION (PI) SERVICES MARKET SIZE BY PLAYER**

3.1 Penetrant Inspection (PI) Services Market Size Market Share by Players

3.1.1 Global Penetrant Inspection (PI) Services Revenue by Players (2018-2023)

3.1.2 Global Penetrant Inspection (PI) Services Revenue Market Share by Players (2018-2023)

3.2 Global Penetrant Inspection (PI) Services Key Players Head office and Products Offered

3.3 Market Concentration Rate Analysis

3.3.1 Competition Landscape Analysis

3.3.2 Concentration Ratio (CR3, CR5 and CR10) & (2021-2023)

3.4 New Products and Potential Entrants

3.5 Mergers & Acquisitions, Expansion

### **4 PENETRANT INSPECTION (PI) SERVICES BY REGIONS**

4.1 Penetrant Inspection (PI) Services Market Size by Regions (2018-2023)

4.2 Americas Penetrant Inspection (PI) Services Market Size Growth (2018-2023)

4.3 APAC Penetrant Inspection (PI) Services Market Size Growth (2018-2023)

4.4 Europe Penetrant Inspection (PI) Services Market Size Growth (2018-2023)

4.5 Middle East & Africa Penetrant Inspection (PI) Services Market Size Growth (2018-2023)

### **5 AMERICAS**

5.1 Americas Penetrant Inspection (PI) Services Market Size by Country (2018-2023)

5.2 Americas Penetrant Inspection (PI) Services Market Size by Type (2018-2023)

5.3 Americas Penetrant Inspection (PI) Services Market Size by Application (2018-2023)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

### **6 APAC**

6.1 APAC Penetrant Inspection (PI) Services Market Size by Region (2018-2023)

6.2 APAC Penetrant Inspection (PI) Services Market Size by Type (2018-2023)

6.3 APAC Penetrant Inspection (PI) Services Market Size by Application (2018-2023)

6.4 China

6.5 Japan

6.6 Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

## **7 EUROPE**

7.1 Europe Penetrant Inspection (PI) Services by Country (2018-2023)

7.2 Europe Penetrant Inspection (PI) Services Market Size by Type (2018-2023)

7.3 Europe Penetrant Inspection (PI) Services Market Size by Application (2018-2023)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## **8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa Penetrant Inspection (PI) Services by Region (2018-2023)

8.2 Middle East & Africa Penetrant Inspection (PI) Services Market Size by Type (2018-2023)

8.3 Middle East & Africa Penetrant Inspection (PI) Services Market Size by Application (2018-2023)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends



## **10 GLOBAL PENETRANT INSPECTION (PI) SERVICES MARKET FORECAST**

- 10.1 Global Penetrant Inspection (PI) Services Forecast by Regions (2024-2029)
  - 10.1.1 Global Penetrant Inspection (PI) Services Forecast by Regions (2024-2029)
  - 10.1.2 Americas Penetrant Inspection (PI) Services Forecast
  - 10.1.3 APAC Penetrant Inspection (PI) Services Forecast
  - 10.1.4 Europe Penetrant Inspection (PI) Services Forecast
  - 10.1.5 Middle East & Africa Penetrant Inspection (PI) Services Forecast
- 10.2 Americas Penetrant Inspection (PI) Services Forecast by Country (2024-2029)
  - 10.2.1 United States Penetrant Inspection (PI) Services Market Forecast
  - 10.2.2 Canada Penetrant Inspection (PI) Services Market Forecast
  - 10.2.3 Mexico Penetrant Inspection (PI) Services Market Forecast
  - 10.2.4 Brazil Penetrant Inspection (PI) Services Market Forecast
- 10.3 APAC Penetrant Inspection (PI) Services Forecast by Region (2024-2029)
  - 10.3.1 China Penetrant Inspection (PI) Services Market Forecast
  - 10.3.2 Japan Penetrant Inspection (PI) Services Market Forecast
  - 10.3.3 Korea Penetrant Inspection (PI) Services Market Forecast
  - 10.3.4 Southeast Asia Penetrant Inspection (PI) Services Market Forecast
  - 10.3.5 India Penetrant Inspection (PI) Services Market Forecast
  - 10.3.6 Australia Penetrant Inspection (PI) Services Market Forecast
- 10.4 Europe Penetrant Inspection (PI) Services Forecast by Country (2024-2029)
  - 10.4.1 Germany Penetrant Inspection (PI) Services Market Forecast
  - 10.4.2 France Penetrant Inspection (PI) Services Market Forecast
  - 10.4.3 UK Penetrant Inspection (PI) Services Market Forecast
  - 10.4.4 Italy Penetrant Inspection (PI) Services Market Forecast
  - 10.4.5 Russia Penetrant Inspection (PI) Services Market Forecast
- 10.5 Middle East & Africa Penetrant Inspection (PI) Services Forecast by Region (2024-2029)
  - 10.5.1 Egypt Penetrant Inspection (PI) Services Market Forecast
  - 10.5.2 South Africa Penetrant Inspection (PI) Services Market Forecast
  - 10.5.3 Israel Penetrant Inspection (PI) Services Market Forecast
  - 10.5.4 Turkey Penetrant Inspection (PI) Services Market Forecast
  - 10.5.5 GCC Countries Penetrant Inspection (PI) Services Market Forecast
- 10.6 Global Penetrant Inspection (PI) Services Forecast by Type (2024-2029)
- 10.7 Global Penetrant Inspection (PI) Services Forecast by Application (2024-2029)

## **11 KEY PLAYERS ANALYSIS**

### **11.1 Avior**

- 11.1.1 Avior Company Information
- 11.1.2 Avior Penetrant Inspection (PI) Services Product Offered
- 11.1.3 Avior Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
- 11.1.4 Avior Main Business Overview
- 11.1.5 Avior Latest Developments
- 11.2 Sinto
  - 11.2.1 Sinto Company Information
  - 11.2.2 Sinto Penetrant Inspection (PI) Services Product Offered
  - 11.2.3 Sinto Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.2.4 Sinto Main Business Overview
  - 11.2.5 Sinto Latest Developments
- 11.3 N.D. Technologies
  - 11.3.1 N.D. Technologies Company Information
  - 11.3.2 N.D. Technologies Penetrant Inspection (PI) Services Product Offered
  - 11.3.3 N.D. Technologies Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.3.4 N.D. Technologies Main Business Overview
  - 11.3.5 N.D. Technologies Latest Developments
- 11.4 Peening Technologies
  - 11.4.1 Peening Technologies Company Information
  - 11.4.2 Peening Technologies Penetrant Inspection (PI) Services Product Offered
  - 11.4.3 Peening Technologies Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.4.4 Peening Technologies Main Business Overview
  - 11.4.5 Peening Technologies Latest Developments
- 11.5 Solar Atmospheres
  - 11.5.1 Solar Atmospheres Company Information
  - 11.5.2 Solar Atmospheres Penetrant Inspection (PI) Services Product Offered
  - 11.5.3 Solar Atmospheres Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.5.4 Solar Atmospheres Main Business Overview
  - 11.5.5 Solar Atmospheres Latest Developments
- 11.6 Met-L-Test Laboratory
  - 11.6.1 Met-L-Test Laboratory Company Information
  - 11.6.2 Met-L-Test Laboratory Penetrant Inspection (PI) Services Product Offered
  - 11.6.3 Met-L-Test Laboratory Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)

- 11.6.4 Met-L-Test Laboratory Main Business Overview
- 11.6.5 Met-L-Test Laboratory Latest Developments
- 11.7 Newco
  - 11.7.1 Newco Company Information
  - 11.7.2 Newco Penetrant Inspection (PI) Services Product Offered
  - 11.7.3 Newco Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.7.4 Newco Main Business Overview
  - 11.7.5 Newco Latest Developments
- 11.8 Incertec
  - 11.8.1 Incertec Company Information
  - 11.8.2 Incertec Penetrant Inspection (PI) Services Product Offered
  - 11.8.3 Incertec Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.8.4 Incertec Main Business Overview
  - 11.8.5 Incertec Latest Developments
- 11.9 American Metal Testing
  - 11.9.1 American Metal Testing Company Information
  - 11.9.2 American Metal Testing Penetrant Inspection (PI) Services Product Offered
  - 11.9.3 American Metal Testing Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.9.4 American Metal Testing Main Business Overview
  - 11.9.5 American Metal Testing Latest Developments
- 11.10 Wolkerstorfer
  - 11.10.1 Wolkerstorfer Company Information
  - 11.10.2 Wolkerstorfer Penetrant Inspection (PI) Services Product Offered
  - 11.10.3 Wolkerstorfer Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.10.4 Wolkerstorfer Main Business Overview
  - 11.10.5 Wolkerstorfer Latest Developments
- 11.11 Applus+
  - 11.11.1 Applus+ Company Information
  - 11.11.2 Applus+ Penetrant Inspection (PI) Services Product Offered
  - 11.11.3 Applus+ Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.11.4 Applus+ Main Business Overview
  - 11.11.5 Applus+ Latest Developments
- 11.12 DEXON Technology
  - 11.12.1 DEXON Technology Company Information

- 11.12.2 DEXON Technology Penetrant Inspection (PI) Services Product Offered
- 11.12.3 DEXON Technology Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
- 11.12.4 DEXON Technology Main Business Overview
- 11.12.5 DEXON Technology Latest Developments
- 11.13 RNDT
  - 11.13.1 RNDT Company Information
  - 11.13.2 RNDT Penetrant Inspection (PI) Services Product Offered
  - 11.13.3 RNDT Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.13.4 RNDT Main Business Overview
  - 11.13.5 RNDT Latest Developments
- 11.14 Code Steel
  - 11.14.1 Code Steel Company Information
  - 11.14.2 Code Steel Penetrant Inspection (PI) Services Product Offered
  - 11.14.3 Code Steel Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.14.4 Code Steel Main Business Overview
  - 11.14.5 Code Steel Latest Developments
- 11.15 Material Inspection Technology
  - 11.15.1 Material Inspection Technology Company Information
  - 11.15.2 Material Inspection Technology Penetrant Inspection (PI) Services Product Offered
  - 11.15.3 Material Inspection Technology Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.15.4 Material Inspection Technology Main Business Overview
  - 11.15.5 Material Inspection Technology Latest Developments
- 11.16 Metallurgical Engineering Services
  - 11.16.1 Metallurgical Engineering Services Company Information
  - 11.16.2 Metallurgical Engineering Services Penetrant Inspection (PI) Services Product Offered
  - 11.16.3 Metallurgical Engineering Services Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)
  - 11.16.4 Metallurgical Engineering Services Main Business Overview
  - 11.16.5 Metallurgical Engineering Services Latest Developments
- 11.17 Magna Chek
  - 11.17.1 Magna Chek Company Information
  - 11.17.2 Magna Chek Penetrant Inspection (PI) Services Product Offered
  - 11.17.3 Magna Chek Penetrant Inspection (PI) Services Revenue, Gross Margin and

## Market Share (2018-2023)

11.17.4 Magna Chek Main Business Overview

11.17.5 Magna Chek Latest Developments

## 11.18 DEKRA

11.18.1 DEKRA Company Information

11.18.2 DEKRA Penetrant Inspection (PI) Services Product Offered

11.18.3 DEKRA Penetrant Inspection (PI) Services Revenue, Gross Margin and

## Market Share (2018-2023)

11.18.4 DEKRA Main Business Overview

11.18.5 DEKRA Latest Developments

## 11.19 Centre Testing International Group

11.19.1 Centre Testing International Group Company Information

11.19.2 Centre Testing International Group Penetrant Inspection (PI) Services Product Offered

11.19.3 Centre Testing International Group Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)

11.19.4 Centre Testing International Group Main Business Overview

11.19.5 Centre Testing International Group Latest Developments

## 11.20 Ningbo zenith nondestructive testing

11.20.1 Ningbo zenith nondestructive testing Company Information

11.20.2 Ningbo zenith nondestructive testing Penetrant Inspection (PI) Services Product Offered

11.20.3 Ningbo zenith nondestructive testing Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)

11.20.4 Ningbo zenith nondestructive testing Main Business Overview

11.20.5 Ningbo zenith nondestructive testing Latest Developments

## 11.21 Zhong Xing Sea-Land Engineering

11.21.1 Zhong Xing Sea-Land Engineering Company Information

11.21.2 Zhong Xing Sea-Land Engineering Penetrant Inspection (PI) Services Product Offered

11.21.3 Zhong Xing Sea-Land Engineering Penetrant Inspection (PI) Services Revenue, Gross Margin and Market Share (2018-2023)

11.21.4 Zhong Xing Sea-Land Engineering Main Business Overview

11.21.5 Zhong Xing Sea-Land Engineering Latest Developments

## 12 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

Table 1. Penetrant Inspection (PI) Services Market Size CAGR by Region (2018 VS 2022 VS 2029) & (\$ Millions)

Table 2. Major Players of Fluorescent (Type I)

Table 3. Major Players of Visible (Type II)

Table 4. Penetrant Inspection (PI) Services Market Size CAGR by Type (2018 VS 2022 VS 2029) & (\$ Millions)

Table 5. Global Penetrant Inspection (PI) Services Market Size by Type (2018-2023) & (\$ Millions)

Table 6. Global Penetrant Inspection (PI) Services Market Size Market Share by Type (2018-2023)

Table 7. Penetrant Inspection (PI) Services Market Size CAGR by Application (2018 VS 2022 VS 2029) & (\$ Millions)

Table 8. Global Penetrant Inspection (PI) Services Market Size by Application (2018-2023) & (\$ Millions)

Table 9. Global Penetrant Inspection (PI) Services Market Size Market Share by Application (2018-2023)

Table 10. Global Penetrant Inspection (PI) Services Revenue by Players (2018-2023) & (\$ Millions)

Table 11. Global Penetrant Inspection (PI) Services Revenue Market Share by Player (2018-2023)

Table 12. Penetrant Inspection (PI) Services Key Players Head office and Products Offered

Table 13. Penetrant Inspection (PI) Services Concentration Ratio (CR3, CR5 and CR10) & (2021-2023)

Table 14. New Products and Potential Entrants

Table 15. Mergers & Acquisitions, Expansion

Table 16. Global Penetrant Inspection (PI) Services Market Size by Regions 2018-2023 & (\$ Millions)

Table 17. Global Penetrant Inspection (PI) Services Market Size Market Share by Regions (2018-2023)

Table 18. Global Penetrant Inspection (PI) Services Revenue by Country/Region (2018-2023) & (\$ millions)

Table 19. Global Penetrant Inspection (PI) Services Revenue Market Share by Country/Region (2018-2023)

Table 20. Americas Penetrant Inspection (PI) Services Market Size by Country



(2018-2023) & (\$ Millions)

Table 21. Americas Penetrant Inspection (PI) Services Market Size Market Share by Country (2018-2023)

Table 22. Americas Penetrant Inspection (PI) Services Market Size by Type (2018-2023) & (\$ Millions)

Table 23. Americas Penetrant Inspection (PI) Services Market Size Market Share by Type (2018-2023)

Table 24. Americas Penetrant Inspection (PI) Services Market Size by Application (2018-2023) & (\$ Millions)

Table 25. Americas Penetrant Inspection (PI) Services Market Size Market Share by Application (2018-2023)

Table 26. APAC Penetrant Inspection (PI) Services Market Size by Region (2018-2023) & (\$ Millions)

Table 27. APAC Penetrant Inspection (PI) Services Market Size Market Share by Region (2018-2023)

Table 28. APAC Penetrant Inspection (PI) Services Market Size by Type (2018-2023) & (\$ Millions)

Table 29. APAC Penetrant Inspection (PI) Services Market Size Market Share by Type (2018-2023)

Table 30. APAC Penetrant Inspection (PI) Services Market Size by Application (2018-2023) & (\$ Millions)

Table 31. APAC Penetrant Inspection (PI) Services Market Size Market Share by Application (2018-2023)

Table 32. Europe Penetrant Inspection (PI) Services Market Size by Country (2018-2023) & (\$ Millions)

Table 33. Europe Penetrant Inspection (PI) Services Market Size Market Share by Country (2018-2023)

Table 34. Europe Penetrant Inspection (PI) Services Market Size by Type (2018-2023) & (\$ Millions)

Table 35. Europe Penetrant Inspection (PI) Services Market Size Market Share by Type (2018-2023)

Table 36. Europe Penetrant Inspection (PI) Services Market Size by Application (2018-2023) & (\$ Millions)

Table 37. Europe Penetrant Inspection (PI) Services Market Size Market Share by Application (2018-2023)

Table 38. Middle East & Africa Penetrant Inspection (PI) Services Market Size by Region (2018-2023) & (\$ Millions)

Table 39. Middle East & Africa Penetrant Inspection (PI) Services Market Size Market Share by Region (2018-2023)

Table 40. Middle East & Africa Penetrant Inspection (PI) Services Market Size by Type (2018-2023) & (\$ Millions)

Table 41. Middle East & Africa Penetrant Inspection (PI) Services Market Size Market Share by Type (2018-2023)

Table 42. Middle East & Africa Penetrant Inspection (PI) Services Market Size by Application (2018-2023) & (\$ Millions)

Table 43. Middle East & Africa Penetrant Inspection (PI) Services Market Size Market Share by Application (2018-2023)

Table 44. Key Market Drivers & Growth Opportunities of Penetrant Inspection (PI) Services

Table 45. Key Market Challenges & Risks of Penetrant Inspection (PI) Services

Table 46. Key Industry Trends of Penetrant Inspection (PI) Services

Table 47. Global Penetrant Inspection (PI) Services Market Size Forecast by Regions (2024-2029) & (\$ Millions)

Table 48. Global Penetrant Inspection (PI) Services Market Size Market Share Forecast by Regions (2024-2029)

Table 49. Global Penetrant Inspection (PI) Services Market Size Forecast by Type (2024-2029) & (\$ Millions)

Table 50. Global Penetrant Inspection (PI) Services Market Size Forecast by Application (2024-2029) & (\$ Millions)

Table 51. Avior Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 52. Avior Penetrant Inspection (PI) Services Product Offered

Table 53. Avior Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 54. Avior Main Business

Table 55. Avior Latest Developments

Table 56. Sinto Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 57. Sinto Penetrant Inspection (PI) Services Product Offered

Table 58. Sinto Main Business

Table 59. Sinto Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 60. Sinto Latest Developments

Table 61. N.D. Technologies Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 62. N.D. Technologies Penetrant Inspection (PI) Services Product Offered

Table 63. N.D. Technologies Main Business

Table 64. N.D. Technologies Penetrant Inspection (PI) Services Revenue (\$ million),



Gross Margin and Market Share (2018-2023)

Table 65. N.D. Technologies Latest Developments

Table 66. Peening Technologies Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 67. Peening Technologies Penetrant Inspection (PI) Services Product Offered

Table 68. Peening Technologies Main Business

Table 69. Peening Technologies Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 70. Peening Technologies Latest Developments

Table 71. Solar Atmospheres Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 72. Solar Atmospheres Penetrant Inspection (PI) Services Product Offered

Table 73. Solar Atmospheres Main Business

Table 74. Solar Atmospheres Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 75. Solar Atmospheres Latest Developments

Table 76. Met-L-Test Laboratory Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 77. Met-L-Test Laboratory Penetrant Inspection (PI) Services Product Offered

Table 78. Met-L-Test Laboratory Main Business

Table 79. Met-L-Test Laboratory Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 80. Met-L-Test Laboratory Latest Developments

Table 81. Newco Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 82. Newco Penetrant Inspection (PI) Services Product Offered

Table 83. Newco Main Business

Table 84. Newco Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 85. Newco Latest Developments

Table 86. Incertec Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 87. Incertec Penetrant Inspection (PI) Services Product Offered

Table 88. Incertec Main Business

Table 89. Incertec Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 90. Incertec Latest Developments

Table 91. American Metal Testing Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 92. American Metal Testing Penetrant Inspection (PI) Services Product Offered

Table 93. American Metal Testing Main Business

Table 94. American Metal Testing Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 95. American Metal Testing Latest Developments

Table 96. Wolkerstorfer Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 97. Wolkerstorfer Penetrant Inspection (PI) Services Product Offered

Table 98. Wolkerstorfer Main Business

Table 99. Wolkerstorfer Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 100. Wolkerstorfer Latest Developments

Table 101. Applus+ Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 102. Applus+ Penetrant Inspection (PI) Services Product Offered

Table 103. Applus+ Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 104. Applus+ Main Business

Table 105. Applus+ Latest Developments

Table 106. DEXON Technology Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 107. DEXON Technology Penetrant Inspection (PI) Services Product Offered

Table 108. DEXON Technology Main Business

Table 109. DEXON Technology Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 110. DEXON Technology Latest Developments

Table 111. RNDT Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 112. RNDT Penetrant Inspection (PI) Services Product Offered

Table 113. RNDT Main Business

Table 114. RNDT Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 115. RNDT Latest Developments

Table 116. Code Steel Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 117. Code Steel Penetrant Inspection (PI) Services Product Offered

Table 118. Code Steel Main Business

Table 119. Code Steel Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 120. Code Steel Latest Developments

Table 121. Material Inspection Technology Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 122. Material Inspection Technology Penetrant Inspection (PI) Services Product Offered

Table 123. Material Inspection Technology Main Business

Table 124. Material Inspection Technology Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 125. Material Inspection Technology Latest Developments

Table 126. Metallurgical Engineering Services Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 127. Metallurgical Engineering Services Penetrant Inspection (PI) Services Product Offered

Table 128. Metallurgical Engineering Services Main Business

Table 129. Metallurgical Engineering Services Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 130. Metallurgical Engineering Services Latest Developments

Table 131. Magna Chek Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 132. Magna Chek Penetrant Inspection (PI) Services Product Offered

Table 133. Magna Chek Main Business

Table 134. Magna Chek Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 135. Magna Chek Latest Developments

Table 136. DEKRA Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 137. DEKRA Penetrant Inspection (PI) Services Product Offered

Table 138. DEKRA Main Business

Table 139. DEKRA Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 140. DEKRA Latest Developments

Table 141. Centre Testing International Group Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 142. Centre Testing International Group Penetrant Inspection (PI) Services Product Offered

Table 143. Centre Testing International Group Main Business

Table 144. Centre Testing International Group Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 145. Centre Testing International Group Latest Developments

Table 146. Ningbo zenith nondestructive testing Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 147. Ningbo zenith nondestructive testing Penetrant Inspection (PI) Services Product Offered

Table 148. Ningbo zenith nondestructive testing Main Business

Table 149. Ningbo zenith nondestructive testing Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 150. Ningbo zenith nondestructive testing Latest Developments

Table 151. Zhong Xing Sea-Land Engineering Details, Company Type, Penetrant Inspection (PI) Services Area Served and Its Competitors

Table 152. Zhong Xing Sea-Land Engineering Penetrant Inspection (PI) Services Product Offered

Table 153. Zhong Xing Sea-Land Engineering Penetrant Inspection (PI) Services Revenue (\$ million), Gross Margin and Market Share (2018-2023)

Table 154. Zhong Xing Sea-Land Engineering Main Business

Table 155. Zhong Xing Sea-Land Engineering Latest Developments

## List Of Figures

### LIST OF FIGURES

Figure 1. Penetrant Inspection (PI) Services Report Years Considered

Figure 2. Research Objectives

Figure 3. Research Methodology

Figure 4. Research Process and Data Source

Figure 5. Global Penetrant Inspection (PI) Services Market Size Growth Rate  
2018-2029 (\$ Millions)

Figure 6. Penetrant Inspection (PI) Services Sales by Geographic Region (2018, 2022 &  
2029) & (\$ millions)

Figure 7. Penetrant Inspection (PI) Services Sales Market Share by Country/Region  
(2022)

Figure 8. Penetrant Inspection (PI) Services Sales Market Share by Country/Region  
(2018, 2022 & 2029)

Figure 9. Global Penetrant Inspection (PI) Services Market Size Market Share by Type  
in 2022

Figure 10. Penetrant Inspection (PI) Services in Aerospace

Figure 11. Global Penetrant Inspection (PI) Services Market: Aerospace (2018-2023) &  
(\$ Millions)

Figure 12. Penetrant Inspection (PI) Services in Automotive

Figure 13. Global Penetrant Inspection (PI) Services Market: Automotive (2018-2023) &  
(\$ Millions)

Figure 14. Penetrant Inspection (PI) Services in Construction

Figure 15. Global Penetrant Inspection (PI) Services Market: Construction (2018-2023)  
& (\$ Millions)

Figure 16. Penetrant Inspection (PI) Services in Defense

Figure 17. Global Penetrant Inspection (PI) Services Market: Defense (2018-2023) & (\$  
Millions)

Figure 18. Penetrant Inspection (PI) Services in Energy

Figure 19. Global Penetrant Inspection (PI) Services Market: Energy (2018-2023) & (\$  
Millions)

Figure 20. Penetrant Inspection (PI) Services in Medical

Figure 21. Global Penetrant Inspection (PI) Services Market: Medical (2018-2023) & (\$  
Millions)

Figure 22. Penetrant Inspection (PI) Services in Other

Figure 23. Global Penetrant Inspection (PI) Services Market: Other (2018-2023) & (\$  
Millions)

Figure 24. Global Penetrant Inspection (PI) Services Market Size Market Share by Application in 2022

Figure 25. Global Penetrant Inspection (PI) Services Revenue Market Share by Player in 2022

Figure 26. Global Penetrant Inspection (PI) Services Market Size Market Share by Regions (2018-2023)

Figure 27. Americas Penetrant Inspection (PI) Services Market Size 2018-2023 (\$ Millions)

Figure 28. APAC Penetrant Inspection (PI) Services Market Size 2018-2023 (\$ Millions)

Figure 29. Europe Penetrant Inspection (PI) Services Market Size 2018-2023 (\$ Millions)

Figure 30. Middle East & Africa Penetrant Inspection (PI) Services Market Size 2018-2023 (\$ Millions)

Figure 31. Americas Penetrant Inspection (PI) Services Value Market Share by Country in 2022

Figure 32. United States Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 33. Canada Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 34. Mexico Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 35. Brazil Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 36. APAC Penetrant Inspection (PI) Services Market Size Market Share by Region in 2022

Figure 37. APAC Penetrant Inspection (PI) Services Market Size Market Share by Type in 2022

Figure 38. APAC Penetrant Inspection (PI) Services Market Size Market Share by Application in 2022

Figure 39. China Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 40. Japan Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 41. Korea Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 42. Southeast Asia Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 43. India Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)



Figure 44. Australia Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 45. Europe Penetrant Inspection (PI) Services Market Size Market Share by Country in 2022

Figure 46. Europe Penetrant Inspection (PI) Services Market Size Market Share by Type (2018-2023)

Figure 47. Europe Penetrant Inspection (PI) Services Market Size Market Share by Application (2018-2023)

Figure 48. Germany Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 49. France Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 50. UK Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 51. Italy Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 52. Russia Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 53. Middle East & Africa Penetrant Inspection (PI) Services Market Size Market Share by Region (2018-2023)

Figure 54. Middle East & Africa Penetrant Inspection (PI) Services Market Size Market Share by Type (2018-2023)

Figure 55. Middle East & Africa Penetrant Inspection (PI) Services Market Size Market Share by Application (2018-2023)

Figure 56. Egypt Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 57. South Africa Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 58. Israel Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 59. Turkey Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 60. GCC Country Penetrant Inspection (PI) Services Market Size Growth 2018-2023 (\$ Millions)

Figure 61. Americas Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 62. APAC Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 63. Europe Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 64. Middle East & Africa Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 65. United States Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 66. Canada Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 67. Mexico Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 68. Brazil Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 69. China Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 70. Japan Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 71. Korea Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 72. Southeast Asia Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 73. India Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 74. Australia Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 75. Germany Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 76. France Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 77. UK Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 78. Italy Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 79. Russia Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 80. Spain Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 81. Egypt Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 82. South Africa Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 83. Israel Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 84. Turkey Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 85. GCC Countries Penetrant Inspection (PI) Services Market Size 2024-2029 (\$ Millions)

Figure 86. Global Penetrant Inspection (PI) Services Market Size Market Share Forecast by Type (2024-2029)

Figure 87. Global Penetrant Inspection (PI) Services Market Size Market Share Forecast by Application (2024-2029)



## I would like to order

Product name: Global Penetrant Inspection (PI) Services Market Growth (Status and Outlook) 2023-2029

Product link: <https://marketpublishers.com/r/GE231DA8D0FBEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE231DA8D0FBEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970