

**Industrial Radiography Testing Market - Global Industry Size, Share, Trends, Opportunity, and Forecast Segmented By Imaging Technology (Film-Based Radiography, Digital Radiography), By End User (Automotive, Consumer Electronics, Oil & Gas, Aerospace & Defense, Manufacturing, Power Generation, Others), By Region and Competition, 2020-2030F**

Market Report | 2025-12-09 | 186 pages | TechSci Research

**AVAILABLE LICENSES:**

- Single User License \$4500.00
- Multi-User License \$5500.00
- Custom Research License \$8000.00

**Report description:**

**Market Overview**

The Global Industrial Radiography Testing Market will grow from USD 1.01 Billion in 2024 to USD 1.77 Billion by 2030 at a 9.79% CAGR. Industrial radiography testing, a critical non-destructive testing (NDT) modality, utilizes ionizing radiation such as X-rays or gamma rays to examine the internal structure of materials and components for defects without causing damage. Market growth is primarily driven by stringent safety and regulatory compliance requirements across diverse industries, including oil and gas, aerospace, and manufacturing, which necessitate robust quality control measures.

**Key Market Drivers**

Industries such as aerospace, nuclear power, and oil and gas operate under rigorous mandates designed to prevent structural failures and ensure operational integrity. These regulations necessitate frequent and thorough inspections of critical components and infrastructure. The continuous evolution of these standards broadens the scope of required non-destructive testing, including advanced radiography methods.

**Key Market Challenges**

A significant challenge impeding the expansion of the global industrial radiography testing market is the persistent shortage of skilled personnel. Industrial radiography demands highly specialized expertise for accurate interpretation of results and safe operation of equipment. The scarcity of qualified technicians and experienced management directly compromises the efficiency and reliability of testing operations, which are critical for ensuring material integrity and regulatory compliance across vital

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

industries.

#### Key Market Trends

The transition to digital and computed radiography (CR) is fundamentally altering traditional film-based inspection practices. This shift is driven by the inherent advantages of digital systems, including faster image acquisition, improved image quality, and the elimination of chemical processing, which reduces both environmental impact and operational costs. These digital advancements allow for immediate review and advanced post-processing of images, leading to quicker decision-making and enhanced defect detection capabilities.

#### Key Market Players

- FUJIFILM Holdings Corporation
- Baker Hughes Company
- Nikon Corporation
- North Star Imaging, Inc.
- Carestream Health, Inc.
- Durr NDT GmbH & Co. KG
- Comet Group
- Canon Inc.

#### Report Scope:

In this report, the Global Industrial Radiography Testing Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

#### -□Industrial Radiography Testing Market, By Imaging Technology:

- o Film-Based Radiography
- o Digital Radiography

#### -□Industrial Radiography Testing Market, By End User:

- o Automotive
- o Oil & Gas
- o Consumer Electronics
- o Aerospace & Defense
- o Manufacturing
- o Power Generation
- o Others

#### -□Industrial Radiography Testing Market, By Region:

- o North America
  - United States
  - Canada
  - Mexico
- o Europe
  - France
  - United Kingdom
  - Italy
  - Germany
  - Spain
- o Asia Pacific
  - China
  - India
  - Japan
  - Australia
  - South Korea

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- o South America
  - Brazil
  - Argentina
  - Colombia
- o Middle East & Africa
  - South Africa
  - Saudi Arabia
  - UAE

#### Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the Global Industrial Radiography Testing Market.

#### Available Customizations:

Global Industrial Radiography Testing Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

#### Company Information

-□Detailed analysis and profiling of additional market players (up to five).

### **Table of Contents:**

1. Product Overview
  - 1.1. Market Definition
  - 1.2. Scope of the Market
    - 1.2.1. Markets Covered
    - 1.2.2. Years Considered for Study
    - 1.2.3. Key Market Segmentations
2. Research Methodology
  - 2.1. Objective of the Study
  - 2.2. Baseline Methodology
  - 2.3. Key Industry Partners
  - 2.4. Major Association and Secondary Sources
  - 2.5. Forecasting Methodology
  - 2.6. Data Triangulation & Validation
  - 2.7. Assumptions and Limitations
3. Executive Summary
  - 3.1. Overview of the Market
  - 3.2. Overview of Key Market Segmentations
  - 3.3. Overview of Key Market Players
  - 3.4. Overview of Key Regions/Countries
  - 3.5. Overview of Market Drivers, Challenges, Trends
4. Voice of Customer
5. Global Industrial Radiography Testing Market Outlook
  - 5.1. Market Size & Forecast
    - 5.1.1. By Value
  - 5.2. Market Share & Forecast
    - 5.2.1. By Imaging Technology (Film-Based Radiography, Digital Radiography)
    - 5.2.2. By End User (Automotive, Oil & Gas, Consumer Electronics, Aerospace & Defense, Manufacturing, Power Generation, Others)
    - 5.2.3. By Region

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.2.4. By Company (2024)
- 5.3. Market Map
- 6. North America Industrial Radiography Testing Market Outlook
  - 6.1. Market Size & Forecast
    - 6.1.1. By Value
  - 6.2. Market Share & Forecast
    - 6.2.1. By Imaging Technology
    - 6.2.2. By End User
    - 6.2.3. By Country
  - 6.3. North America: Country Analysis
    - 6.3.1. United States Industrial Radiography Testing Market Outlook
      - 6.3.1.1. Market Size & Forecast
        - 6.3.1.1.1. By Value
      - 6.3.1.2. Market Share & Forecast
        - 6.3.1.2.1. By Imaging Technology
        - 6.3.1.2.2. By End User
    - 6.3.2. Canada Industrial Radiography Testing Market Outlook
      - 6.3.2.1. Market Size & Forecast
        - 6.3.2.1.1. By Value
      - 6.3.2.2. Market Share & Forecast
        - 6.3.2.2.1. By Imaging Technology
        - 6.3.2.2.2. By End User
    - 6.3.3. Mexico Industrial Radiography Testing Market Outlook
      - 6.3.3.1. Market Size & Forecast
        - 6.3.3.1.1. By Value
      - 6.3.3.2. Market Share & Forecast
        - 6.3.3.2.1. By Imaging Technology
        - 6.3.3.2.2. By End User
  - 7. Europe Industrial Radiography Testing Market Outlook
    - 7.1. Market Size & Forecast
      - 7.1.1. By Value
    - 7.2. Market Share & Forecast
      - 7.2.1. By Imaging Technology
      - 7.2.2. By End User
      - 7.2.3. By Country
    - 7.3. Europe: Country Analysis
      - 7.3.1. Germany Industrial Radiography Testing Market Outlook
        - 7.3.1.1. Market Size & Forecast
          - 7.3.1.1.1. By Value
        - 7.3.1.2. Market Share & Forecast
          - 7.3.1.2.1. By Imaging Technology
          - 7.3.1.2.2. By End User
      - 7.3.2. France Industrial Radiography Testing Market Outlook
        - 7.3.2.1. Market Size & Forecast
          - 7.3.2.1.1. By Value
        - 7.3.2.2. Market Share & Forecast
          - 7.3.2.2.1. By Imaging Technology

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 7.3.2.2.2. By End User
- 7.3.3. United Kingdom Industrial Radiography Testing Market Outlook
  - 7.3.3.1. Market Size & Forecast
    - 7.3.3.1.1. By Value
  - 7.3.3.2. Market Share & Forecast
    - 7.3.3.2.1. By Imaging Technology
    - 7.3.3.2.2. By End User
- 7.3.4. Italy Industrial Radiography Testing Market Outlook
  - 7.3.4.1. Market Size & Forecast
    - 7.3.4.1.1. By Value
  - 7.3.4.2. Market Share & Forecast
    - 7.3.4.2.1. By Imaging Technology
    - 7.3.4.2.2. By End User
- 7.3.5. Spain Industrial Radiography Testing Market Outlook
  - 7.3.5.1. Market Size & Forecast
    - 7.3.5.1.1. By Value
  - 7.3.5.2. Market Share & Forecast
    - 7.3.5.2.1. By Imaging Technology
    - 7.3.5.2.2. By End User
- 8. Asia Pacific Industrial Radiography Testing Market Outlook
  - 8.1. Market Size & Forecast
    - 8.1.1. By Value
  - 8.2. Market Share & Forecast
    - 8.2.1. By Imaging Technology
    - 8.2.2. By End User
    - 8.2.3. By Country
  - 8.3. Asia Pacific: Country Analysis
    - 8.3.1. China Industrial Radiography Testing Market Outlook
      - 8.3.1.1. Market Size & Forecast
        - 8.3.1.1.1. By Value
      - 8.3.1.2. Market Share & Forecast
        - 8.3.1.2.1. By Imaging Technology
        - 8.3.1.2.2. By End User
    - 8.3.2. India Industrial Radiography Testing Market Outlook
      - 8.3.2.1. Market Size & Forecast
        - 8.3.2.1.1. By Value
      - 8.3.2.2. Market Share & Forecast
        - 8.3.2.2.1. By Imaging Technology
        - 8.3.2.2.2. By End User
    - 8.3.3. Japan Industrial Radiography Testing Market Outlook
      - 8.3.3.1. Market Size & Forecast
        - 8.3.3.1.1. By Value
      - 8.3.3.2. Market Share & Forecast
        - 8.3.3.2.1. By Imaging Technology
        - 8.3.3.2.2. By End User
    - 8.3.4. South Korea Industrial Radiography Testing Market Outlook
      - 8.3.4.1. Market Size & Forecast

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.3.4.1.1. By Value
- 8.3.4.2. Market Share & Forecast
  - 8.3.4.2.1. By Imaging Technology
  - 8.3.4.2.2. By End User
- 8.3.5. Australia Industrial Radiography Testing Market Outlook
  - 8.3.5.1. Market Size & Forecast
    - 8.3.5.1.1. By Value
  - 8.3.5.2. Market Share & Forecast
    - 8.3.5.2.1. By Imaging Technology
    - 8.3.5.2.2. By End User
- 9. Middle East & Africa Industrial Radiography Testing Market Outlook
  - 9.1. Market Size & Forecast
    - 9.1.1. By Value
  - 9.2. Market Share & Forecast
    - 9.2.1. By Imaging Technology
    - 9.2.2. By End User
    - 9.2.3. By Country
  - 9.3. Middle East & Africa: Country Analysis
    - 9.3.1. Saudi Arabia Industrial Radiography Testing Market Outlook
      - 9.3.1.1. Market Size & Forecast
        - 9.3.1.1.1. By Value
      - 9.3.1.2. Market Share & Forecast
        - 9.3.1.2.1. By Imaging Technology
        - 9.3.1.2.2. By End User
    - 9.3.2. UAE Industrial Radiography Testing Market Outlook
      - 9.3.2.1. Market Size & Forecast
        - 9.3.2.1.1. By Value
      - 9.3.2.2. Market Share & Forecast
        - 9.3.2.2.1. By Imaging Technology
        - 9.3.2.2.2. By End User
    - 9.3.3. South Africa Industrial Radiography Testing Market Outlook
      - 9.3.3.1. Market Size & Forecast
        - 9.3.3.1.1. By Value
      - 9.3.3.2. Market Share & Forecast
        - 9.3.3.2.1. By Imaging Technology
        - 9.3.3.2.2. By End User
  - 10. South America Industrial Radiography Testing Market Outlook
    - 10.1. Market Size & Forecast
      - 10.1.1. By Value
    - 10.2. Market Share & Forecast
      - 10.2.1. By Imaging Technology
      - 10.2.2. By End User
      - 10.2.3. By Country
    - 10.3. South America: Country Analysis
      - 10.3.1. Brazil Industrial Radiography Testing Market Outlook
        - 10.3.1.1. Market Size & Forecast
          - 10.3.1.1.1. By Value

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 10.3.1.2. Market Share & Forecast
  - 10.3.1.2.1. By Imaging Technology
  - 10.3.1.2.2. By End User
- 10.3.2. Colombia Industrial Radiography Testing Market Outlook
  - 10.3.2.1. Market Size & Forecast
    - 10.3.2.1.1. By Value
  - 10.3.2.2. Market Share & Forecast
    - 10.3.2.2.1. By Imaging Technology
    - 10.3.2.2.2. By End User
- 10.3.3. Argentina Industrial Radiography Testing Market Outlook
  - 10.3.3.1. Market Size & Forecast
    - 10.3.3.1.1. By Value
  - 10.3.3.2. Market Share & Forecast
    - 10.3.3.2.1. By Imaging Technology
    - 10.3.3.2.2. By End User
- 11. Market Dynamics
  - 11.1. Drivers
  - 11.2. Challenges
- 12. Market Trends & Developments
  - 12.1. Merger & Acquisition (If Any)
  - 12.2. Product Launches (If Any)
  - 12.3. Recent Developments
- 13. Global Industrial Radiography Testing Market: SWOT Analysis
- 14. Porter's Five Forces Analysis
  - 14.1. Competition in the Industry
  - 14.2. Potential of New Entrants
  - 14.3. Power of Suppliers
  - 14.4. Power of Customers
  - 14.5. Threat of Substitute Products
- 15. Competitive Landscape
  - 15.1. FUJIFILM Holdings Corporation
    - 15.1.1. Business Overview
    - 15.1.2. Products & Services
    - 15.1.3. Recent Developments
    - 15.1.4. Key Personnel
    - 15.1.5. SWOT Analysis
  - 15.2. Baker Hughes Company
  - 15.3. Nikon Corporation
  - 15.4. North Star Imaging, Inc.
  - 15.5. Carestream Health, Inc.
  - 15.6. Durr NDT GmbH & Co. KG
  - 15.7. Comet Group
  - 15.8. Canon Inc.
- 16. Strategic Recommendations
- 17. About Us & Disclaimer

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**Industrial Radiography Testing Market - Global Industry Size, Share, Trends, Opportunity, and Forecast Segmented By Imaging Technology (Film-Based Radiography, Digital Radiography), By End User (Automotive, Consumer Electronics, Oil & Gas, Aerospace & Defense, Manufacturing, Power Generation, Others), By Region and Competition, 2020-2030F**

Market Report | 2025-12-09 | 186 pages | TechSci Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User License	\$4500.00
	Multi-User License	\$5500.00
	Custom Research License	\$8000.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-08"/>
		Signature	<input type="text"/>