

Israel Diagnostic Imaging Market By Type (X-Ray Imaging Solutions, Ultrasound Systems, MRI Systems, CT Scanners, Nuclear Imaging Solutions, Mammography, Others), By Mobility (Portable v/s Standalone), By Modality (Conventional and Disposable), By Source (Domestic v/s Import), By Application (Cardiology, Oncology, Neurology, Orthopedics, Gastroenterology, Gynecology, Others), By End Users (Hospitals & Clinics, Diagnostic Centers, Ambulatory Care Centers, Others), By Component (OEM, Refurbished), By Region, Competition, Forecast and Opportunities, 2018-2028F

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Report description:

Israel diagnostic imaging market is anticipated to grow significantly during the projected period of 2028 that is driven by the increasing refractive disorders and technological advancements in medical industries. Diagnostic imaging has become an essential tool in modern medicine, allowing physicians to visualize and diagnose various diseases and conditions. In Israel, the diagnostic imaging market has been growing steadily, driven by technological advancements, increasing prevalence of chronic diseases, and rising demand for early diagnosis and treatment. One of the key factors driving the Israel diagnostic imaging market is rapid advancements in imaging technologies which have significantly improved the accuracy and efficiency of diagnostic imaging. For instance, the development of advanced CT scanners and MRI machines with higher image resolution and faster scanning times have enabled early detection and improved diagnosis of diseases such as cancer, cardiovascular diseases, and

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neurological disorders, which have augmented the growth of the Israel diagnostic imaging market.

Besides, the prevalence of chronic diseases such as cancer, cardiovascular diseases, and neurological disorders is increasing in Israel, which has led to a higher demand for diagnostic imaging services. Early diagnosis and monitoring of these conditions using imaging technologies play a crucial role in effective disease management and treatment planning, leading to increased demand for diagnostic imaging, thereby driving the Israel diagnostic imaging market. These innovative products are driving consumer interest and helping to expand the diagnostic imaging market in Israel. Also, there is a growing awareness among patients and healthcare providers about the importance of early diagnosis and treatment of diseases. Diagnostic imaging plays a crucial role in early detection of diseases, enabling timely intervention and better patient outcomes. As a result, there is an increasing demand for diagnostic imaging services for screening, diagnosis, and monitoring of various conditions. According to National Library of Medicine, the average waiting time for an MRI in Israel in 2018 was about 52 days for the most common test (adult neurology MRI), and significantly longer for specialized tests, such as MRIs in children requiring anesthesia. Israel had an annual MRI test rate of 34.7/1000 people in 2018, which was lower than the OECD average of 64/1000. Additionally, Israel's availability of MRI scanners in 2019 (4.03/million) was significantly lower than the average of 15.8/million in OECD nations.

Rising Cases of Chronic Diseases is Booming the Israel Diagnostic Imaging Market

The prevalence of chronic diseases in Israel has been on the rise in recent years, mainly due to changing lifestyles, aging population, and increasing urbanization. According to the Israel Ministry of Health, in 2019, approximately 64% of deaths in Israel were attributed to chronic diseases, with cancer and cardiovascular diseases being the leading causes of death. The burden of chronic diseases not only affects the quality of life of individuals but also imposes a significant economic burden on the healthcare system. As a result, there has been a growing demand for advanced diagnostic imaging technologies in Israel to facilitate early and accurate diagnosis of chronic diseases, monitor disease progression, and guide treatment decisions. This has led to a booming market for diagnostic imaging in Israel, with a wide range of modalities being utilized, including X-ray, computed tomography (CT), magnetic resonance imaging (MRI), ultrasound, and nuclear medicine. Another factor contributing to the growth of the diagnostic imaging market in Israel is the increasing awareness about the importance of early disease detection and prevention. With the rising burden of chronic diseases, there is a growing emphasis on preventive healthcare and early intervention to reduce the morbidity and mortality associated with these conditions which is expected to augment the growth of the Israel diagnostic imaging market in the forecast period. Diagnostic imaging plays a crucial role in this regard, enabling early detection and monitoring of chronic diseases, leading to timely interventions and improved patient outcomes. According to WHO Statistical Information System, cardiovascular disease death rates in Israel is 25% lower than the US.

Rising Technological Advancements and Innovations in the Production Process of Medical Devices

One of the key factors driving the growth of the Israel diagnostic imaging market is the increasing adoption of advanced imaging technologies. Israel has a well-developed healthcare infrastructure and is known for its high-quality healthcare services. The country has been at the forefront of medical innovation, with numerous startups and research institutes dedicated to developing cutting-edge imaging technologies. For instance, Israeli companies have developed breakthroughs in medical imaging such as CT scanners with reduced radiation exposure, AI-powered image analysis tools for early cancer detection, and innovative MRI techniques for improved diagnosis of neurological disorders. Tele imaging, which involves the remote interpretation of diagnostic images by radiologists, is gaining traction in Israel. This allows for efficient and timely delivery of imaging services to remote areas, where access to specialized radiologists may be limited. Tele imaging also enables remote consultation and collaboration among radiologists for complex cases, improving patient care and outcomes. Moreover, the Israeli government has been actively promoting the use of advanced imaging technologies in healthcare through various initiatives, including investments in research and development, funding for startups, and collaborations between academic institutions and the industry. These efforts have led to the availability of state-of-the-art imaging equipment in leading hospitals and imaging centers across the country. However, augmented intelligence improves human diagnostic abilities to deliver many of the advantages of AI, but with human thinking paired with automated reasoning, as opposed to AI-based imaging, which functions without direct human participation. Through the creation of immersive environments, virtual reality and augmented reality technologies aid radiology teaching by making it simpler to conceptualize complicated anatomical systems. Leading to the expansion of the Israel diagnostic imaging market. Through interventional radiology, modern medical imaging will be used for both therapy and prevention in addition to diagnosis. For instance, geniculate artery embolization enables the vascular insertion of microcatheters and wires to treat

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osteoarthritis-related knee inflammation, which is expected to drive the Israel diagnostic imaging market during the forecast period. According to International Trade Administration, medical devices make about \$2.4 billion of Israel's total \$6.2 billion healthcare technology market.

Market Segmentation

The Israel diagnostic imaging market is segmented into type, mobility, modality, source, application, end users, component, and region. Based on type, the Israel diagnostic imaging market is divided into x-ray imaging solutions, ultrasound systems, MRI systems, CT scanners, nuclear imaging solutions, mammography, and others. Based on mobility, the Israel diagnostic imaging market is categorized into portable v/s standalone. Based on modality, the Israel diagnostic imaging market is categorized into conventional and disposable. Based on source, the Israel diagnostic imaging market is categorized into domestic v/s import. Based on application, the Israel diagnostic imaging market is categorized into cardiology, oncology, neurology, orthopedics, gastroenterology, gynecology, and others. Based on end user, the Israel diagnostic imaging market is categorized into hospitals & clinics, diagnostic centers, ambulatory care centers, and others. Based on component, the Israel diagnostic imaging market is categorized into OEM and Refurbished. Based on region, the Israel diagnostic imaging market is segmented into the Mediterranean Coastal Plain, The Central Hills, The Jordan Rift Valley, and The Negev Desert.

Company Profiles

TailorMed, 270 Surgical, DiA Imaging Analysis Ltd., Sheba Medical Center, LensFree, Applied Spectral Imaging, Applitec Ltd., Arineta Ltd., Aspect Imaging, and Cintec Medical Ltd are some of the key players of the Israel diagnostic imaging market.

Report Scope:

In this report, the Israel diagnostic imaging market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

□□ Israel Diagnostic Imaging Market, By Type:

o□ X-Ray Imaging Solutions

o□ Ultrasound Systems

o□ MRI Systems

o□ CT Scanners

o□ Nuclear Imaging Solutions

o□ Mammography

o□ Other

□□ Israel Diagnostic Imaging Market, By Mobility:

o□ Portable

o□ Standalone

□□ Israel Diagnostic Imaging Market, By Modality:

o□ Conventional

o□ Disposable

□□ Israel Diagnostic Imaging Market, By Source:

o□ Domestic

o□ Import

□□ Israel Diagnostic Imaging Market, By Application:

o□ Cardiology

o□ Oncology

o□ Neurology

o□ Orthopedics

o□ Gastroenterology

o□ Gynecology

o□ Others

□□ Israel Diagnostic Imaging Market, By End User:

o□ Hospitals & Clinics

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- o Diagnostic Centers
- o Ambulatory Care Centers
- o Others

□ Israel Diagnostic Imaging Market, By Component:

o OEM

o Refurbished

□ Israel Diagnostic Imaging Market, By Region:

o The Mediterranean Coastal Plain

o The Central Hills

o The Jordan Rift Valley

o The Negev Desert

Competitive landscape

Company Profiles: Detailed analysis of the major companies in Israel Diagnostic Imaging market.

Available Customizations:

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. Israel Diagnostic Imaging Market Outlook
 - 4.1. Market Size & Forecast
 - 4.1.1. By Value
 - 4.2. Market Share & Forecast
 - 4.2.1. By Type (X-Ray Imaging Solutions, Ultrasound Systems, MRI Systems, CT Scanners, Nuclear Imaging Solutions, Mammography, Others)
 - 4.2.2. By Mobility (Portable v/s Standalone)

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- 4.2.3. By Source (Domestic v/s Import)
- 4.2.4. By Application (Cardiology, Oncology, Neurology, Orthopedics, Gastroenterology, Gynecology, Others)
- 4.2.5. By End Users (Hospitals & Clinics, Diagnostic Centers, Ambulatory Care Centers, Others)
- 4.2.6. By Component (OEM, Refurbished)
- 4.2.7. By Region (The Mediterranean Coastal Plain, The Central Hills, The Jordan Rift Valley, The Negev Desert)
- 4.2.8. By Company (2022)
- 4.3. Product Market Map
- 5. Israel X-Ray Imaging Solutions Diagnostic Imaging Market Outlook
 - 5.1. Market Size & Forecast
 - 5.1.1. By Value
 - 5.2. Market Share & Forecast
 - 5.2.1. By Mobility
 - 5.2.2. By Source
 - 5.2.3. By Application
 - 5.2.4. By End User
 - 5.2.5. By Component
- 6. Israel Ultrasound Systems Diagnostic Imaging Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value
 - 6.2. Market Share & Forecast
 - 6.2.1. By Mobility
 - 6.2.2. By Source
 - 6.2.3. By Application
 - 6.2.4. By End User
 - 6.2.5. By Component
- 7. Israel MRI Systems Diagnostic Imaging Market Outlook
 - 7.1. Market Size & Forecast
 - 7.1.1. By Value
 - 7.2. Market Share & Forecast
 - 7.2.1. By Mobility
 - 7.2.2. By Source
 - 7.2.3. By Application
 - 7.2.4. By End User
 - 7.2.5. By Component
- 8. Israel CT Scanners Diagnostic Imaging Market Outlook
 - 8.1. Market Size & Forecast
 - 8.1.1. By Value
 - 8.2. Market Share & Forecast
 - 8.2.1. By Mobility
 - 8.2.2. By Source
 - 8.2.3. By Application
 - 8.2.4. By End User
 - 8.2.5. By Component
- 9. Israel Nuclear Imaging Solutions Diagnostic Imaging Market Outlook
 - 9.1. Market Size & Forecast
 - 9.1.1. By Value
 - 9.2. Market Share & Forecast

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- 9.2.1. By Mobility
- 9.2.2. By Source
- 9.2.3. By Application
- 9.2.4. By End User
- 9.2.5. By Component
- 10. Israel Mammography Diagnostic Imaging Market Outlook
- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Mobility
 - 10.2.2. By Source
 - 10.2.3. By Application
 - 10.2.4. By End User
 - 10.2.5. By Component
- 11. Market Dynamics
 - 11.1. Drivers
 - 11.2. Challenges
- 12. Market Trends & Developments
 - 12.1. Research & Development
 - 12.2. Product launch
 - 12.3. Merger & Acquisition
- 13. Policy and Regulatory Landscape
- 14. Israel Diagnostic Imaging Market: SWOT Analysis
- 15. Porter's Five Forces Analysis
- 16. PESTLE Analysis
- 17. Competitive Landscape
 - 17.1. Business Overview
 - 17.2. Product Offerings
 - 17.3. Recent Developments
 - 17.4. Financials (In Case of Listed Companies)
 - 17.5. Key Personnel
 - 17.5.1. TailorMed
 - 17.5.2. 270 Surgical
 - 17.5.3. DiA Imaging Analysis Ltd.
 - 17.5.4. Sheba Medical Center
 - 17.5.5. LensFree
 - 17.5.6. Applied Spectral Imaging
 - 17.5.7. Applitec Ltd.
 - 17.5.8. Arineta Ltd.
 - 17.5.9. Aspect Imaging
 - 17.5.10. Cintec Medical Ltd.
- 18. Strategic Recommendations
- 19. About Us & Disclaimer

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