

Saudi Arabia Ultrasound Devices Market Assessment, By Product Type [Diagnostic Ultrasound Systems, Therapeutic Ultrasound], By Portability [Trolley/Cart-Based, Compact/Handheld], By Display [Colored, Black & White], By End-user [Hospitals, Diagnostic Centers, Ambulatory Care Centers, Surgical Centers, Others], By Application [Radiology, Cardiology, Obstetrics & Gynecology, Gastroenterology, Urology, Others], By Distribution Channel [Online, Offline], By Region, Opportunities and Forecast, 2016-2030F

<https://marketpublishers.com/r/S0693F4E07A4EN.html>

Date: February 2025

Pages: 129

Price: US\$ 3,300.00 (Single User License)

ID: S0693F4E07A4EN

Abstracts

Saudi Arabia ultrasound devices market size was valued at USD 452 million in 2022, which is expected to reach USD 628.2 million in 2030, with a CAGR of 4.2% for the forecast period between 2023 and 2030F. The Saudi Arabia ultrasound devices market is experiencing significant growth and innovation driven by varied factors. As a key driver, the increasing prevalence of chronic diseases and the rising demand for early diagnosis have propelled the demand for ultrasound devices in the country. The non-invasive nature and versatility of ultrasound imaging make it a preferred choice for various medical applications, including obstetrics, gynecology, cardiology, and radiology.

Integrating innovative features such as 3D and 4D imaging, elastography, and contrast-enhanced ultrasound results in diagnostic accuracy and enhances the quality of patient care. Using portable and handheld ultrasound devices has also facilitated point-of-care imaging, enabling healthcare providers to conduct examinations in remote and

underserved areas.

Furthermore, supportive government initiatives and investments in healthcare infrastructure have fostered the adoption of ultrasound devices in the country. Increasing healthcare expenditure and growing private healthcare facilities have expanded the market. Also, the trend of medical tourism in Saudi Arabia has boosted the demand for advanced ultrasound technologies, attracting patients from neighboring countries for high-quality medical services. With these market drivers and ongoing technological advancements, the Saudi Arabia ultrasound devices market is poised for continued growth and will likely remain a vital segment in the medical imaging industry.

For example, in 2023, Saudi Tibbiyah, a prominent healthcare company in Saudi Arabia, has entered a joint venture (JV) with the renowned European diagnostic imaging services provider, Unilabs. This strategic partnership aims to expand and enhance the availability of state-of-the-art diagnostic imaging services in the Saudi Arabian healthcare market. By combining their expertise and resources, the collaboration seeks to offer a comprehensive range of advanced medical imaging solutions, thereby improving access to high-quality healthcare for patients across the region.

The Expansion of Medical Facilities

The Saudi Arabia ultrasound devices market has been experiencing a significant growth in recent years, and the expansion of medical facilities is a key driver for this growth. As the country's population continues to increase and age, there is a growing demand for healthcare services, including diagnostic imaging procedures. To cater to this demand, healthcare providers are expanding their facilities and investing in the latest ultrasound technology. In addition, the government of Saudi Arabia has been investing heavily in the healthcare sector, focusing on improving access to medical services in underserved areas. This has created opportunities for ultrasound device manufacturers to expand their presence in the Saudi Arabian market and provide innovative and cost-effective solutions to meet the growing demand for diagnostic imaging services.

For instance, EchoPAC Software is a powerful medical software developed by General Electric (GE) Healthcare for analyzing and interpreting echocardiography images. It offers comprehensive tools for cardiac analysis, including measurements of cardiac dimensions, wall motion, and blood flow velocities. The EchoPAC Plug-in is an optional add-on providing advanced quantitative analysis capabilities and research tools. These software solutions aid healthcare professionals in making accurate and efficient diagnoses for improved patient care.

Use of Ultrasound for Pre-hospital Care

Using ultrasound in pre-hospital care is gaining prominence in the Saudi Arabia Ultrasound Devices Market. Emergency medical teams are increasingly adopting portable handheld ultrasound devices to perform rapid assessments and diagnose critical conditions at the scene of accidents or emergencies. Ultrasound's non-invasive nature allows for quick evaluation of trauma, internal bleeding, and organ injuries, enabling medical professionals to make timely decisions and initiate appropriate treatments before reaching the hospital. This application of ultrasound in pre-hospital care has the potential to significantly improve patient outcomes, especially in critical situations where immediate interventions are crucial. As the importance of pre-hospital care continues to be recognized, the demand for portable ultrasound devices in the Saudi Arabian market is expected to grow, enhancing emergency medical services and overall healthcare capabilities in the country.

Technological Advancements in Ultrasound Imaging

The Saudi Arabia ultrasound devices market has witnessed significant technological advancements in ultrasound imaging. Innovations in transducer technology have led to higher frequency probes, resulting in improved resolution and better visualization of anatomical structures. Additionally, 3D/4D imaging integration has enabled a more comprehensive assessment of fetal development and complex anatomical pathologies. The development of portable and handheld ultrasound devices has facilitated point-of-care diagnostics and enhanced accessibility in remote areas and pre-hospital settings.

Furthermore, artificial intelligence and machine learning algorithms are being incorporated into ultrasound systems to assist in image interpretation and enhance diagnostic accuracy. These technological breakthroughs are revolutionizing ultrasound imaging in Saudi Arabia, allowing for more precise diagnoses and improving patient outcomes in various medical specialties. For instance, Versana Active is an advanced ultrasound technology developed by GE Healthcare. It features transducer technology, enhanced image clarity, and improved diagnostic capabilities. The system is designed for versatile clinical applications, delivering high-quality imaging for various medical specialties. With user-friendly controls and streamlined workflow, Versana Active™ + technology aims to provide healthcare professionals with efficient and accurate ultrasound examinations, ensuring optimal patient care.

Impact of COVID-19

The pandemic significantly impacted the Saudi Arabian ultrasound devices market, positively and negatively. On one hand, the pandemic has led to an increased demand for ultrasound devices, particularly in critical care and emergency medicine, as healthcare providers have sought to diagnose and monitor patients with COVID-19-related complications quickly. However, the pandemic has disturbed supply chains and slowed the pace of new product development, leading to supply shortages and delays in the launch of new ultrasound devices.

Key Player Landscape and Outlook

The Saudi Arabia ultrasound devices market is highly competitive, with multinational companies and local players competing for market share. The companies offer various ultrasound devices, including portable and compact systems, 3D/4D imaging technology, and specialized systems for specific medical applications. In addition to product offerings, companies in the market compete on factors such as pricing, distribution channels, and after-sales support. To maintain their market position, companies invest heavily in research and development to launch new products and improve existing ones, as well as in marketing and advertising to increase brand awareness and customer loyalty. The competitive landscape of the Saudi Arabia ultrasound devices market is expected to remain intense in the coming years, as companies continue to innovate and expand their product portfolios to meet the growing demand for ultrasound technology in the country's healthcare sector.

For example, in 2021, Abdul Latif Jameel Health, a division of Abdul Latif Jameel and Butterfly Network, Inc. joined forces in a strategic distribution partnership. The collaboration aims to expand the accessibility of Butterfly iQ+, the world's sole single probe, handheld ultrasound solution capable of imaging the entire body. Through this partnership, they seek to bring advanced medical imaging technology to a wider audience, supporting the aspiration of equitable healthcare worldwide.

Contents

1. RESEARCH METHODOLOGY

2. PROJECT SCOPE & DEFINITIONS

3. IMPACT OF COVID-19 ON SAUDI ARABIA ULTRASOUND DEVICES MARKET

4. EXECUTIVE SUMMARY

5. SAUDI ARABIA ULTRASOUND DEVICES MARKET OUTLOOK, 2016-2030F

5.1. Market Size & Forecast

5.1.1. By Value

5.1.2. By Volume

5.2. By Product Type

5.2.1. Diagnostic Ultrasound Systems

5.2.1.1. 2D, 3D & 4D

5.2.1.2. 5D

5.2.1.3. Doppler

5.2.2. Therapeutic Ultrasound

5.2.2.1. High-intensity focused ultrasound

5.2.2.2. Extracorporeal shockwave lithotripsy

5.3. By Portability

5.3.1. Trolley/Cart-Based

5.3.2. Compact/Handheld

5.4. By Display

5.4.1. Colored

5.4.2. Black & White

5.5. By End-user

5.5.1. Hospitals

5.5.2. Diagnostic Centers

5.5.3. Ambulatory Care Centers

5.5.4. Surgical Centers

5.5.5. Others

5.6. By Application

5.6.1. Radiology

5.6.2. Cardiology

5.6.3. Obstetrics & Gynecology

- 5.6.4. Gastroenterology
- 5.6.5. Urology
- 5.6.6. Others
- 5.7. By Distribution Channel
 - 5.7.1. Online
 - 5.7.2. Offline
 - 5.7.2.1. Distributor
 - 5.7.2.2. Manufacturer
 - 5.7.2.3. Others
- 5.8. By Region
 - 5.8.1. Central
 - 5.8.2. Western
 - 5.8.3. Northern
 - 5.8.4. Eastern
 - 5.8.5. Southern
- 5.9. By Company Market Share (%), 2022

6. MARKET MAPPING ,2022

- 6.1. By Product Type
- 6.2. By Portability
- 6.3. By Display
- 6.4. By End-user
- 6.5. By Application
- 6.6. By Distribution channel
- 6.7. By Region

7. MACRO ENVIRONMENT AND INDUSTRY STRUCTURE

- 7.1. Supply Demand Analysis
- 7.2. Import Export Analysis
- 7.3. Value Chain Analysis
- 7.4. PESTEL Analysis
 - 7.4.1. Political Factors
 - 7.4.2. Economic System
 - 7.4.3. Social Implications
 - 7.4.4. Technological Advancements
 - 7.4.5. Environmental Impacts
 - 7.4.6. Legal Compliances and Regulatory Policies (Statutory Bodies Included)

7.5. Porter's Five Forces Analysis

- 7.5.1. Supplier Power
- 7.5.2. Buyer Power
- 7.5.3. Substitution Threat
- 7.5.4. Threat from New Entrant
- 7.5.5. Competitive Rivalry

8. MARKET DYNAMICS

- 8.1. Growth Drivers
- 8.2. Growth Inhibitors (Challenges and Restraints)

9. KEY PLAYERS LANDSCAPE

- 9.1. Competition Matrix of Top Five Market Leaders
- 9.2. Market Revenue Analysis of Top Five Market Leaders (in %, 2022)
- 9.3. Mergers and Acquisitions/Joint Ventures (If Applicable)
- 9.4. SWOT Analysis (For Five Market Players)
- 9.5. Patent Analysis (If Applicable)

10. PRICING ANALYSIS

11. CASE STUDIES

12. KEY PLAYERS OUTLOOK

- 12.1. GE Healthcare Arabia Ltd.
 - 12.1.1. Company Details
 - 12.1.2. Key Management Personnel
 - 12.1.3. Products & Services
 - 12.1.4. Financials (As reported)
 - 12.1.5. Key Market Focus & Geographical Presence
 - 12.1.6. Recent Developments
- 12.2. Shenzhen Mindray Bio-Medical Electronics co., Ltd
- 12.3. Siemens Ltd Saudi Arabia
- 12.4. Koninklijke Philips N.V.
- 12.5. FUJIFILM Corporation
- 12.6. Philips Healthcare Saudi Arabia Ltd
- 12.7. Hitachi Medical Systems Saudi Arabia

12.8. Hologic, Inc.

12.9. Shimadzu Middle East & Africa FZE

12.10. Gulf Medical Co Ltd (Medistim)

*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work

13. STRATEGIC RECOMMENDATIONS

14. ABOUT US & DISCLAIMER

I would like to order

Product name: Saudi Arabia Ultrasound Devices Market Assessment, By Product Type [Diagnostic Ultrasound Systems, Therapeutic Ultrasound], By Portability [Trolley/Cart-Based, Compact/Handheld], By Display [Colored, Black & White], By End-user [Hospitals, Diagnostic Centers, Ambulatory Care Centers, Surgical Centers, Others], By Application [Radiology, Cardiology, Obstetrics & Gynecology, Gastroenterology, Urology, Others], By Distribution Channel [Online, Offline], By Region, Opportunities and Forecast, 2016-2030F

Product link: <https://marketpublishers.com/r/S0693F4E07A4EN.html>

Price: US\$ 3,300.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S0693F4E07A4EN.html>