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South Korea Ultrasound Devices Market Report by Type (Stationary Ultrasound, Portable Ultrasound), Technology (2D Ultrasound Imaging, 3D and 4D Ultrasound Imaging, Doppler Imaging, High-intensity Focused Ultrasound), Application (Anesthesiology, Cardiology, Gynecology/Obstetrics, Musculoskeletal, Radiology, Critical Care, and Others), and Region 2026-2034

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Abstracts

The South Korea ultrasound devices market size reached USD 203.3 Million in 2025. Looking forward, IMARC Group expects the market to reach USD 324.2 Million by 2034, exhibiting a growth rate (CAGR) of 5.32% during 2026-2034. The increasing prevalence of chronic ailments and the growing geriatric population, the incorporation of two-dimensional (2D), three-dimensional (3D), and fourth-dimensional (4D) ultrasound devices, and the widespread adoption of compact and handheld ultrasound devices, represent some of the key factors driving the market.

Ultrasound devices, also known as ultrasonography or sonography, are sophisticated medical imaging tools that employ high-frequency sound waves to create real-time images of the interior of the human body. These devices are invaluable in healthcare, offering non-invasive and safe methods of diagnosing and monitoring several medical conditions. They allow medical professionals to visualize and assess various organs, tissues, and structures without the need for invasive procedures. Additionally, ultrasound devices are non-invasive, safe, and versatile, making them essential equipment in clinics, hospitals, and medical facilities. They are used in various medical specialties, including obstetrics and gynecology, cardiology, radiology, and general

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medicine. In obstetrics, they are employed for monitoring fetal development during pregnancy. In cardiology, ultrasound helps assess the structure and function of the heart. In radiology, it aids in visualizing abdominal organs, blood vessels, and soft tissues. They are also essential for guiding minimally invasive procedures, such as biopsies or the placement of catheters. Additionally, ultrasound devices offer several advantages, including non-invasiveness and no exposure to ionizing radiation, making them safe for pregnant women and children. They provide real-time imaging, allowing healthcare professionals to observe dynamic processes within the body. Nowadays, ultrasound devices are portable and can be used at the patient's bedside, in clinics, or even in remote areas.

SOUTH KOREA ULTRASOUND DEVICES MARKET TRENDS:

The market is primarily driven by the increasing prevalence of chronic diseases and the growing geriatric population in South Korea. In addition, the escalating demand for advanced diagnostic tools, including ultrasound devices, allows healthcare providers to strive for accurate and timely diagnoses, influencing the market growth. Moreover, several advancements in ultrasound technology paved the way for enhanced imaging capabilities, such as three-dimensional (3D) and (4D) ultrasound, which provide more detailed and comprehensive visualizations, representing another major growth-inducing factor. It contributes toward improved imaging quality and the widespread adoption of ultrasound devices in numerous medical specialties, from obstetrics and gynecology to cardiology and orthopedics. Besides this, South Korea's commitment to healthcare innovation and the integration of digital health solutions resulted in the incorporation of ultrasound devices into telemedicine and remote monitoring setups, which is particularly significant during the COVID-19 pandemic, where remote healthcare delivery gained popularity, accelerating market growth. Along with this, the availability of numerous types of ultrasound devices, including 2D, 3D, and 4D, is propelling the market growth. For instance, 2D ultrasound produces flat, black-and-white images, while 3D ultrasound creates more detailed, volumetric images. Also, 4D ultrasound adds the element of time, providing dynamic 3D images, while Doppler ultrasound assesses blood flow and velocity within blood vessels. Furthermore, the growing emphasis on portability and ease of use led to the adoption of compact and handheld ultrasound devices, allowing healthcare professionals to conduct point-of-care diagnostics and screenings more conveniently, creating a positive market outlook.

SOUTH KOREA ULTRASOUND DEVICES MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market,

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along with forecasts at the country level for 2026-2034. Our report has categorized the market based on type, technology, and application.

Type Insights:

- Stationary Ultrasound
- Portable Ultrasound

The report has provided a detailed breakup and analysis of the market based on the type. This includes stationary ultrasound and portable ultrasound.

Technology Insights:

- 2D Ultrasound Imaging
- 3D and 4D Ultrasound Imaging
- Doppler Imaging
- High-intensity Focused Ultrasound

A detailed breakup and analysis of the market based on the technology have also been provided in the report. This includes 2D ultrasound imaging, 3D and 4D ultrasound imaging, doppler imaging, and high-intensity focused ultrasound.

Application Insights:

- Anesthesiology
- Cardiology
- Gynecology/Obstetrics
- Musculoskeletal
- Radiology

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Critical Care

Others

The report has provided a detailed breakup and analysis of the market based on the application. This includes anesthesiology, cardiology, gynecology/obstetrics, musculoskeletal, radiology, critical care, and others.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and Others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape in the market. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT
How has the South Korea ultrasound devices market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the South Korea ultrasound devices

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market?
What is the breakup of the South Korea ultrasound devices market on the basis of type?
What is the breakup of the South Korea ultrasound devices market on the basis of technology?
What is the breakup of the South Korea ultrasound devices market on the basis of application?
What are the various stages in the value chain of the South Korea ultrasound devices market?
What are the key driving factors and challenges in the South Korea ultrasound devices?
What is the structure of the South Korea ultrasound devices market and who are the key players?
What is the degree of competition in the South Korea ultrasound devices market?

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