

Global Ultrasound Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

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Abstracts

Ultrasound machines use high frequency ultrasonic sound waves for capturing the image of the internal organs by passing it through the body of the patient. The image captured through this is displayed on the display machine that generates the images with help of image echoes. The global ultrasound market is expected to grow at a CAGR of 5.7% from 2017 to 2025.

Based on product type, the market is divided into diagnostic ultrasound systems and therapeutic ultrasound systems. According to device display, the market is divided into black & white (B/W) ultrasound devices and color ultrasound devices. The portability segment is bifurcated into compact/handheld ultrasound devices and trolley/cart based ultrasound devices. By application, it is classified into radiology, obstetrics, urology, vascular, cardiology, and others. Geographic breakdown and deep analysis of each of the aforesaid segments is included for North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Technological advancements for ultrasound machines and increasing penetration of the diagnostic and therapeutic ultrasound.

Rising incidence of chronic diseases and increase in awareness of early diagnosis of diseases.

Increase in demand for minimally invasive surgeries.

Rise in investment by the government for the modernization and advancement of the healthcare infrastructure.

Restraints:

Shortage of skilled professionals.

Limitations of ultrasound imaging.

MARKET PLAYERS:

Market players are adopting different strategies such as product launch, product development, acquisitions, and collaborations. For instance, in April 2016, Fujifilm Corporation launched the new Sonosite SII ultrasound system. This ultrasound device has been developed for vascular access, regional anesthesia, and trauma applications. The top players in the global ultrasound market include Analogic Corporation, Esaote SpA, Fujifilm Corporation, General Electric Company, Hitachi, Ltd., Koninklijke Philips N.V., Mindray Medical International Limited, Samsung Medison Co. Ltd., Siemens Healthcare, and Toshiba Corporation.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Product Type

Therapeutic Ultrasound Systems

High-Intensity Focused Ultrasound (HIFU)

Extracorporeal Shockwave Lithotripsy (ESWL)

Diagnostic Ultrasound Systems

2D Imaging Systems

3D & 4D Imaging Systems

Doppler Imaging

By Device Display

Black & White (B/W) Ultrasound Devices

Color Ultrasound Devices

By Device Portability

Compact/Handheld Ultrasound Devices

Trolley/Cart-Based Ultrasound Devices

By Application

Radiology

Obstetrics

Urology

Vascular

Cardiology

Others

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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COMPANIES MENTIONED

Medical International Limited, Samsung Medison Co. Ltd., Siemens Healthcare, and Toshiba Corporation.

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