

China Ultrasound Devices - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The China Ultrasound Devices Market size is estimated at USD 1.25 billion in 2025, and is expected to reach USD 1.69 billion by 2030, at a CAGR of 6.12% during the forecast period (2025-2030).

Key Highlights

- COVID-19 had a significant impact on the ultrasound device market in China. Healthcare providers are deploying the potential of ultrasound diagnosis, primarily for diagnostic applications for the triage, monitoring, and diagnosis of COVID-19 patients. According to the study published in the Chinese Medical Journal in May 2022, lung ultrasonography could detect signs of pleural sliding, pulmonary edema, lung consolidation, and other conditions.
- Lung ultrasound (LUS) was a valuable tool for rapid assessment of the severity of lung injuries in COVID-19 patients. COVID-19 has significantly impacted ultrasound, as many healthcare providers have deployed ultrasound systems, particularly in applications for COVID-19 monitoring and diagnosis. However, the market is currently growing at a stable pace owing to the resumption of diagnostic procedures, and it is expected to witness a similar trend over the coming years.
- The major factors driving market growth include the increasing burden of chronic diseases, technological advancements, and others.
- With the rising burden of chronic diseases such as cancer, cardiology, and neurology diseases, among others, which require early and effective diagnosis devices, the demand for ultrasound will likely increase over the forecast period. For instance, according to the Global Tuberculosis Report 2022, TB affected 7.5% of the population in China in 2021.
- Ultrasound serves as a prevalent imaging test utilized for diagnostic purposes, including point-of-care applications, particularly in individuals under suspicion of abdominal tuberculosis. This trend is anticipated to significantly augment the demand for ultrasound-based diagnoses, thereby propelling substantial growth within the market throughout the projected period.
- Major market players are also introducing and launching new, cutting-edge ultrasound equipment, further accelerating the

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industry's growth. For instance, in March 2021, the MGI Robotic Ultrasound Vehicle was officially launched. MGI's patented robotic ultrasound vehicle, which comprises an examination area, an information input area, and a sample collection area, offers a one-stop diagnostics solution without requiring a professional sonographer onboard. Additionally, in May 2021, SonoScape launched its new premium ultrasound series to make the obstetric ultrasound examination more standardized in China.

- Thus, all the aforementioned factors, such as the growing burden of chronic diseases and product launches by market players, are expected to boost the market over the forecast period. However, stringent regulation may restrain the market over the forecast period.

China Ultrasound Devices Market Trends

Portable Ultrasounds Segment is Expected to Hold a Significant Market Share Over the Forecast Period

- Portable ultrasound is a type of medical ultrasonography that uses compact and light equipment instead of console-style ultrasound machines. Most of these portable ultrasound systems could be carried by hand and, in some cases, operated solely on battery power. The major factors driving the growth of stationary ultrasounds include advanced technology and a rising prevalence of chronic diseases that require point-of-care diagnostics.
- Furthermore, the multiple benefits of portable ultrasonography are projected to propel the market towards growth. In general, portable devices provide visual quality equivalent to smaller console systems. Portable devices are also convenient to transport from one area to another, and they allow for offsite diagnosis, allowing practitioners to practice at specialized diagnostics units, clinics, and other sites.
- The portable ultrasound is effective for the geriatric population, as this population is more susceptible to chronic diseases and is unable to move from one location to another. For instance, according to China's National Bureau of Statistics (NBS), in January 2022, China had 280.04 million people aged over 60 at the end of 2022, up from 267.36 million in 2021. Thus, the growing burden of the aging population is expected to create the need for ultrasound diagnosis. This population is more likely to be affected by various chronic diseases and is expected to contribute to the segment's growth.
- Moreover, the rising adoption of portable ultrasound in the country is expected to boost the market segment's growth. For instance, in April 2023, children's congenital heart disease screening was carried out in Yibin City by the Paediatric Cardiovascular Department of the West China Second University Hospital. Using the SonoBook portable ultrasound machine from Chison, the medical professionals identified the condition.
- Thus, all the aforementioned factors, such as the significant benefits of portable ultrasound over stationary ultrasound and the growing aging population, will likely boost market growth over the forecast period.

2D Ultrasound Imaging Segment is Expected to Hold a Significant Share Over the Forecast Period

- 2D ultrasounds produce flat, black-and-white moving images of inside body parts. The sound waves travel from the ultrasound transducer through the body and back again to produce a basic image that outlines the organs inside the body. 2D ultrasound can be used to detect chronic diseases and fetal growth. They provide a clear inside view that doctors and health professionals can use to detect and diagnose certain medical problems. Factors such as the growing adoption of ultrasound to check the development of the fetus, rising technological advancements, and the increasing application of 2D ultrasound are expected to drive the growth of the 2D ultrasound devices market in China.
- The growing application of 2D ultrasound in broad areas such as gynecology, cardiology, and cancer care will likely contribute to segment growth. For instance, according to a study published in the Medicine Journal in January 2021, during the second and third-trimester examinations, 2D ultrasonography helps localize the anatomical structures of the developing fetus. Thus, 2D

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ultrasound has significant applications in gynecology, which is expected to boost market growth over the forecast period.

- Furthermore, According to the study published in the Journal of Clinical Ultrasound in May 2023, prenatal diagnosis of fetal conotruncal defects using 2D ultrasound with spatiotemporal image correlation (STIC), particularly in persistent arterial trunks has great clinical value for the treatment and prognosis of fetal conotruncal defects. Thus, the huge application of ultrasound in clinical applications is expected to boost the market over the forecast period.
- The rising birth rate in China is expected to raise demand for 2D ultrasound over the forecast period. For instance, according to the National Statistics Bureau 2021, 10.6 million babies were born in 2021, a rate of 7.52 births per 1,000 people. Thus, the high birth rate in the country is expected to create the need for 2D ultrasound devices for the diagnosis of fetal growth and other conditions and hence drive the segment growth over the projected period.
- Thus, all the aforementioned factors, such as the rising application of 2D ultrasound, are expected to boost segment growth over the forecast period.

China Ultrasound Devices Industry Overview

China's ultrasound devices market is moderately competitive and consists of several major players. The launch of new products in the country and the support of regulatory authorities is propelling the growth of the market. Some of the companies that are currently dominating the market are Canon Medical Systems Corporation, Siemens Healthineers AG, GE Healthcare, Fujifilm Holdings Corporation, and Koninklijke Philips NV, among others.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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