

Portable Ultrasound Market Size to Hit USD 7481.55 Million by 2031 | Current Trends and Industry Analysis

AUSTIN, TEXAS, UNITED STATES, April 12, 2024 /EINPresswire.com/ --According to SNS Insider, The <u>Portable</u> <u>Ultrasound Market</u> size was Valued USD 2678.60 Million in 2023 and is projected to reach USD 7481.55 Million by 2031 and grow at a CAGR of 13.7% over the forecast period of 2024-2031.

The portable ultrasound market is experiencing a growth surge, fueled by several of factors. This segment carves



out a niche within the broader ultrasound, specifically catering to devices known for their compactness, portability, and ease of use. These features broaden the application scope of ultrasound technology beyond traditional clinical settings like radiology departments. The market encompasses a diverse range of products, from high-resolution handheld scanners to more comprehensive cart-based systems with enhanced functionalities. This versatility fuels its adaptability to various healthcare environments from bustling emergency rooms and intensive care units to resource limited clinics and even remote point-of-care settings.

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List of Portable Ultrasound Companies Profiled in Report:

- Koninklike Philips N.V.
- EDAN Instruments FUJIFILM Sonosite Inc.
- Shenzhen Mindray Bio-Medical Electronics Co.
- ALPINION MEDICAL SYSTEMS Co. Ltd.
- Terason Corporation
- Hitachi Ltd.
- CHISON Medical Technologies
- Healcerion

• GE Healthcare

Opportunity Analysis:

The opportunity landscape for portable ultrasound is vast. Rising incidences of chronic diseases like heart conditions and cancer necessitate early diagnosis and prompt intervention. Portable ultrasound empowers primary care physicians and specialists alike to perform quick, bedside scans, aiding in faster and more informed clinical decisions. The growing emphasis on minimally invasive procedures positions portable ultrasound favorably. Image-guided procedures such as needle biopsies and vascular access can be significantly enhanced with the real-time visualization offered by these devices. This translates into improved accuracy, reduced complications, and faster patient recovery times.

Portable Ultrasound Market Segmentation:

Ву Туре

- Touchscreen
- Built-in-console

By End User

- Clinics
- Hospitals

The portable ultrasound market can be segmented by technology, application, and end-user. Technologically, the market is divided between hand-held and console systems. Hand-held systems, known for their extreme portability and affordability, are witnessing significant growth due to their suitability for quick assessments in various clinical settings. Console systems, while slightly bulkier, offer enhanced image quality and advanced functionalities, catering to more specialized applications. In terms of application, the market encompasses a diverse range of segments, including abdominal imaging, cardiovascular assessment, musculoskeletal examinations, and obstetrics/gynecology. The largest segment is abdominal imaging, driven by its utility in diagnosing liver disease, kidney stones, and various abdominal pathologies. The cardiovascular segment is experiencing rapid growth due to the rising incidence of heart disease and the portability's advantage in emergency settings.

The end-user segment primarily comprises hospitals, clinics, emergency medical services (EMS), and ambulatory surgical centers. Hospitals are the largest end-user group, leveraging portable ultrasound for point-of-care applications and departmental use. However, the market is witnessing a growing adoption rate in clinics and EMS, owing to the increasing demand for efficient and accessible diagnostic tools.

Regional Analysis:

The APAC region currently holds the dominant share in the portable ultrasound market, primarily driven by the expanding healthcare infrastructure, government initiatives promoting

cost-effective diagnostics, and a large patient population with chronic diseases. North America remains a significant market due to high healthcare expenditure and early adoption of advanced technologies. However, the European market is expected to exhibit a steady growth rate due to increasing investments in healthcare and a growing geriatric population.

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Impact of Recession:

However, the market is not without its challenges. A potential global recession could dampen overall healthcare spending, impacting capital equipment purchases like portable ultrasound systems. Hospitals and clinics might prioritize essential equipment over advanced diagnostic tools, leading to a temporary slowdown in market growth.

Impact of Russia-Ukraine War:

The ongoing war in Ukraine has also introduced several uncertainties. Disruptions in the global supply chain, particularly for critical components, could lead to production delays and price fluctuations. Additionally, the war has diverted resources away from healthcare investments in some regions, potentially hindering market expansion in affected areas.

Overview of Recent Developments:

Despite these challenges, leading players in the portable ultrasound market are continuously innovating to enhance product offerings and expand market reach. Major companies like GE Healthcare, Philips, Siemens Healthineers, Fujifilm, and Mindray are investing heavily in research and development, focusing on miniaturization, improved image quality, and artificial intelligence (AI) integration.

For instance, GE Healthcare's Vscan handheld ultrasound system exemplifies this trend. This pocket-sized device boasts impressive image quality and ease of use, making it a valuable tool for point-of-care applications. Similarly, Philips' Lumify portable ultrasound system leverages Alpowered automation to simplify workflows and improve diagnostic accuracy.

Key Takeaways:

• Summary, the portable ultrasound market presents a strong growth story. Its adaptability, expanding applications, and ongoing technological advancements position it as a transformative force in healthcare delivery. While economic headwinds and geopolitical turmoil pose temporary hurdles, the long-term outlook remains bright.

• As the technology matures and costs become more competitive, portable ultrasound has the potential to revolutionize healthcare access, particularly in resource-limited settings.

• The continued focus on innovation by key players will be instrumental in shaping the future of this dynamic market.

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