

# North America Automated Breast Ultrasound Systems Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

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## Abstracts

North America Automated Breast Ultrasound Systems Market was valued at USD 846 million in 2024 and is estimated to grow at a CAGR of 16.2% to reach USD 3.7 billion by 2034.

The rapid market growth is attributed to the increasing breast cancer incidence, ongoing advancements in ABUS technology, and strong awareness campaigns backed by public health initiatives. Automated breast ultrasound offers enhanced 3D imaging capabilities, enabling improved detection in patients with dense breast tissue. Technology is gaining widespread acceptance in hospitals, imaging centers, and breast care facilities due to its ability to reduce operator variability and deliver consistent, high-resolution imaging. Government-backed screening programs and educational initiatives are further boosting adoption rates, particularly among women at high risk. ABUS leverages wide automated transducers to capture standardized three-dimensional images, outperforming handheld alternatives in accuracy and workflow efficiency. As awareness grows and clinical outcomes improve, ABUS is becoming a vital part of routine screening protocols across the region, helping detect abnormalities earlier and with greater clarity.

The ABUS segment generated USD 538.6 million in 2024 and is projected to reach USD 2.4 billion by 2034, growing at a CAGR of 16.4%. Integration of advanced features such as volumetric imaging, digital enhancement, and automation continues to reshape breast cancer diagnostics. These improvements are elevating diagnostic precision, streamlining workflow, and expanding the technology's reach throughout North America.

The diagnostic imaging centers segment held a 30% share in 2024. These centers are

experiencing strong growth as they offer specialized imaging solutions in outpatient environments, improving accessibility and reducing diagnostic wait times. Their rising role in breast imaging, particularly with ABUS technology, is contributing significantly to the expansion of the market. By investing in ABUS, these centers enhance their diagnostic offerings and meet the growing demand for high-accuracy breast cancer screening tools.

Canada Automated Breast Ultrasound Systems Market reached USD 87.6 million in 2024. Market expansion in Canada is being driven by an increase in breast cancer cases alongside public sector initiatives that promote early detection through organized screening and awareness campaigns. Additionally, breakthroughs in ABUS technology—such as AI-assisted interpretation, 3D capabilities, and high-resolution imaging—are significantly improving access and diagnostic accuracy across Canadian healthcare systems.

Key companies shaping the North America Automated Breast Ultrasound Systems Market include CapeRay Medical, Siemens Healthineers, GE Healthcare, Hitachi, Theraclion, QView Medical, Hologic, Supersonic Imagine, Shantou Institute of Ultrasonic Instruments, Canon, Metritrack, Delphinus Medical Technologies, Seno Medical Instruments, and Koninklijke Philips. To secure a competitive edge in the North America Automated Breast Ultrasound Systems Market, companies are pursuing innovation-led strategies and strategic collaborations. Leading manufacturers are focused on integrating artificial intelligence, advanced image processing, and automation features into ABUS systems to enhance diagnostic precision and reduce user dependency. Additionally, firms are expanding partnerships with healthcare networks and imaging providers to strengthen distribution and adoption. Regulatory approvals and product certifications are being fast-tracked to accelerate market entry. Many companies are also investing in awareness and training programs to educate radiologists and clinicians, ensuring effective system utilization while deepening market penetration.

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