

# Ultrasonic Technology Market Segments, Driver, Restraints, And Trends

*The Business Research Company's  
Ultrasonic Technology Global Market  
Report 2024 – Market Size, Trends, And  
Global Forecast 2024-2033*

LANDON, GREATER LANDON, UK, June 28, 2024 /EINPresswire.com/ -- The [ultrasonic technology market](#) has experienced rapid growth, expanding from \$2.12 billion in 2023 to an

anticipated \$2.4 billion in 2024, marking a compound annual growth rate (CAGR) of 13.3%. This growth in recent years can be attributed to robust economic development in emerging markets, heightened demand from the medical sector, government initiatives fostering technological advancements, and rapid industrialization across manufacturing industries. Looking ahead, the



It will grow to \$4.1 billion in 2028 at a compound annual growth rate (CAGR) of 14.3%.”

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market is poised for further acceleration, projected to reach \$4.1 billion by 2028, with a CAGR of 14.3%. This forecasted growth is driven by increasing prevalence of chronic illnesses, a growing aging population, expanding retail sector needs, and rising public concerns regarding food safety and quality. Key trends shaping the market include the integration of artificial intelligence (AI) in ultrasound technologies, advancements in 3D ultrasound technology, introduction of compact portable ultrasound

devices, escalating investments, continuous product innovations, and strategic partnerships and collaborations aimed at enhancing market competitiveness and technological capabilities.

## Chronic Illness Prevalence Propels Market Growth

The escalating prevalence of chronic diseases stands as a primary driver for the ultrasonic technology market's anticipated growth trajectory. Ultrasound technology plays a crucial role in early disease detection, thereby reducing treatment costs and enhancing patient outcomes. With chronic conditions on the rise globally, healthcare providers are increasingly adopting ultrasound for its diagnostic accuracy and non-invasive nature. For instance, the National Library of Medicine reports a projected 99.5% increase in the US population aged 50 and above with at



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least one chronic disease from 2020 to 2050, underscoring the critical role of ultrasound technology in managing healthcare demands.

Explore the global ultrasonic technology market with a detailed sample report:

[https://www.thebusinessresearchcompany.com/sample\\_request?id=6063&type=smp](https://www.thebusinessresearchcompany.com/sample_request?id=6063&type=smp)

### Key Players and Market Trends

Leading companies such as Emerson Electric, Siemens AG, and Koninklijke Philips N.V. are focusing on technological innovations to bolster their market presence. For instance, Philips' Hera W10 Elite ultrasound system integrates artificial intelligence (AI) capabilities to enhance visualization and clinical applications in obstetrics and gynecology, demonstrating a pivotal trend towards AI-driven healthcare solutions.

In a strategic move, Rockwell Automation Inc. continues to expand its portfolio through strategic partnerships, aiming to capitalize on emerging opportunities in industrial applications of ultrasonic technology.

### Segments

- Type: Ultrasonic Proximity Sensor, Ultrasonic Retro-Reflective Sensor, Ultrasonic Through-Beam Sensor, Other Types
- Technology: Ultrasonic Medical Technology, Ultrasonic Processing Technology, Ultrasonic Testing Technology, Other Technologies
- Application: Welding, Cleaning, Inspections, Other Applications
- End User: Automotive, Food and Beverage, Medical and Healthcare, Aerospace and Defense, Industrial, Other End Users

### Geographical Insights: Asia-Pacific Leading the Market

Asia-Pacific emerged as the largest region in the ultrasonic technology market in 2023, driven by rapid industrialization and technological advancements across sectors. The region is anticipated to sustain its leadership position, fueled by increasing investments in healthcare infrastructure and manufacturing capabilities.

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[Ultrasonic Technology Global Market](#) Report 2024 from TBRC covers the following information:

□ Market size data for the forecast period: Historical and Future

□ Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.

□ Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Ultrasonic Technology Global Market Report 2024 by [The Business Research Company](#) is the most comprehensive report that provides insights on ultrasonic technology market size, ultrasonic technology market drivers and trends, ultrasonic technology market major players, competitors' revenues, market positioning, and market growth across geographies. The ultrasonic technology market report helps you gain in-depth insights on opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

Contact Information

The Business Research Company

Europe: +44 207 1930 708

Asia: +91 8897263534

Americas: +1 315 623 0293

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

info@tbrc.info

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