

Coronary Heart Disease Diagnostic Imaging Devices Market, Opportunity, Growth Drivers, Industry Trend Analysis and Forecast, 2024-2032

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Report description:

The global Coronary Heart Disease Diagnostic Imaging Devices Market share recorded USD 1.8 billion in 2022 and will exhibit a growth rate of 6.6% between 2024 and 2032, fueled by the increasing prevalence of coronary heart disease (CHD) and the growing demand for early diagnosis and prevention. As CHD rates rise globally, there is a heightened need for advanced imaging technologies to detect the condition at early stages. Early diagnosis allows for timely intervention, reducing the risk of severe outcomes. This focus on proactive healthcare drives demand for sophisticated diagnostic imaging devices, thereby expanding the market as healthcare systems prioritize effective and early detection solutions.

The overall coronary heart disease diagnostic imaging devices industry is segmented based on modality, application, end-use, and region.

The computed tomography (CT) segment will accumulate USD 443.8 million by 2032 due to its superior imaging capabilities and precision. CT scans provide detailed cross-sectional images of the heart and blood vessels, enabling accurate diagnosis of coronary artery disease and assessment of plaque buildup. The technology's ability to quickly produce high-resolution images makes it a preferred choice for clinicians seeking reliable and efficient diagnostic tools. As demand for detailed cardiac imaging increases, the CT segment will dominate the market.

The heart attack segment captured USD 585.7 million in 2023, attributed to the critical need for rapid and accurate diagnosis in acute scenarios. Timely identification of heart attacks is crucial for effective treatment and improved patient outcomes. Diagnostic imaging devices, such as CT and MRI, play a key role in assessing the extent of heart damage and guiding interventions. As the prevalence of heart attacks continues to rise, the demand for advanced imaging solutions in this segment will drive significant market growth.

The U.S. coronary heart disease diagnostic imaging devices market will reach USD 1.3 billion by 2032, owing to its advanced healthcare infrastructure, high prevalence of coronary heart disease, and substantial investments in medical technology. The country's robust healthcare system and high adoption rates of cutting-edge diagnostic tools, including advanced imaging technologies, drive market growth. Additionally, the U.S. benefits from ongoing research and development efforts, making it a key contributor to the expansion and innovation in the coronary heart disease diagnostic imaging devices industry.

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