

Europe Brain Imaging Devices Market Size study, by Product (Devices, Accessories) by Application (Stroke, Brain Tumor, Traumatic brain injury (TBI), Epilepsy, Sleep Apnea, Headache, Structural anomalies, Other Applications) by Modality (Fixed, Portable, Wearable) by End Use (Hospitals, Diagnostic Imaging Centers, Ambulatory Surgery Centers, Other End-users) and Country Forecasts 2022-2032

<https://marketpublishers.com/r/ECEA30589FD6EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: ECEA30589FD6EN

Abstracts

Europe Brain Imaging Devices Market is valued approximately USD 1.45 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 8.44% over the forecast period 2024-2032. Brain imaging devices, such as MRI, fMRI, CT, and PET scanners, visualize the brain's structure and function. These technologies are pivotal in diagnosing neurological disorders, guiding surgical interventions, and monitoring disease progression. They aid in understanding brain activity related to cognitive functions, emotions, and behaviors. Additionally, brain imaging is crucial in research, enhancing knowledge of brain development, neuroplasticity, and the effects of various treatments on brain health. These applications drive advancements in both clinical and cognitive neuroscience. Also, integration with AI and machine learning in brain imaging devices in Europe supports market growth by enhancing diagnostic accuracy, automating image analysis, and enabling predictive insights. These technologies streamline clinical workflows, improve treatment outcomes, and drive innovation in personalized medicine approaches, fostering greater adoption and efficacy.

The growth of the Europe Brain Imaging Devices market is driven by several key factors. Firstly, advancements in technology, such as higher resolution imaging and real-

time data processing, enhance diagnostic accuracy and treatment planning. Secondly, rising incidences of neurological disorders like Alzheimer's and Parkinson's diseases increase the demand for early detection and monitoring through imaging devices. Thirdly, supportive government initiatives and funding encourage research and development in brain imaging technology. Fourthly, expanding applications in research settings, including neuroscience studies and drug development, contribute to market expansion. Lastly, increasing healthcare expenditure and awareness among both healthcare providers and patients about the benefits of early diagnosis further propel market growth in Europe. However, high cost of complex brain monitoring procedures and devices, and unfavorable reimbursement policies are expected to hinder the market growth during the forecast period 2024-2032.

The key countries considered for the Europe Brain Imaging Devices market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, Germany was the dominating region in terms of revenue. The growth of the Brain Imaging Devices market in Germany is supported by several key factors. Firstly, advancements in imaging technology, such as MRI and PET scans, enhance diagnostic accuracy and capability. Secondly, increasing healthcare expenditure and a rising geriatric population drive demand for neurological disorder diagnostics. Thirdly, research and development investments foster innovation in imaging modalities. Lastly, favorable government initiatives and policies promote adoption of advanced medical technologies. Combined, these factors create a conducive environment for market expansion, catering to the growing need for precise and early detection of brain-related conditions in Germany. Whereas, the United Kingdom is expected to fastest growth rate during the forecast period 2024-2032.

Major market player included in this report are:

Siemens Healthineers

Drägerwerk AG & Co. KGaA

Luciole Medical AG

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Product

Devices

Accessories

By Application

Stroke

Brain Tumor

Traumatic brain injury (TBI)

Epilepsy

Sleep Apnea

Headache

Structural anomalies

Other Applications

By Modality

Fixed

Portable

Wearable

By End Use

Hospitals

Diagnostic Imaging Centers

Ambulatory Surgery Centers

Other End-users

By Region:

Europe

UK

Germany

France

Spain

Italy

ROE

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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