

EEG and EMG Equipment Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global EEG and EMG equipment market size reached US\$ 1,000.0 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,520.0 Million by 2028, exhibiting a growth rate (CAGR) of 7.2% during 2022-2028.

Electroencephalogram (EEG) equipment is widely utilized to monitor the electrical activity of the brain. It relies on electrodes, amplifiers, filters and an analog to digital converter to record brain wave patterns and send the data to a computer or cloud device. It finds application in diagnosing conditions, such as seizures, epilepsy, head injuries, dizziness, headaches, brain tumors and sleeping disorders. On the other hand, electromyography (EMG) equipment helps evaluate the electrical activity in skeletal muscles. It comprises cables that attach multiple electrodes to a signal amplifier, speaker, oscilloscope and a recorder. Nowadays, EMG is performed along with the nerve conduction velocity (NCV) test to detect the presence, location and extent of nerve and muscle damage.

The growing incidences of neurological disorders among the pediatric population are escalating the demand for EEG and EMG tests across the globe. This, in confluence with the rising geriatric population, represents one of the key factors bolstering the EEG and EMG equipment market growth. Moreover, EEG and EMG equipment are safe, painless, non-invasive and take less time in testing, which is positively influencing the growth of the market. Besides this, the growing adoption of minimally invasive procedures, increasing awareness about early diagnostics and testing and improving healthcare infrastructure are other significant factors contributing to the market growth. Furthermore, the easy availability of portable EEG machines is impelling the growth of the market. Apart from this, several research institutes are using EEG machines to review the central nervous system (CNS) symptoms, such as headache and confusion, in patients diagnosed with the coronavirus disease (COVID-19), which is further

expected to fuel the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global EEG and EMG equipment market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, modality and application.

Breakup by Type:

Electroencephalography

Electromyography

Breakup by Modality:

Standalone

Portable

Breakup by Application:

Hospitals and Clinics

Diagnostic Centers

Research Institutes

Others

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Allengers Medical Systems Limited, Cadwell Industries Inc., Compumedics Limited (D & DJ Burton Holdings Pty Ltd.), Electrical Geodesics Inc. (MagstimEGI), General Electric Company, Masimo Corporation, Medtronic Plc, Natus Medical Incorporated, Nihon Kohden Corporation and Zynex Inc.

Key Questions Answered in This Report

1. What was the size of the global EEG and EMG equipment market in 2022?
2. What is the expected growth rate of the global EEG and EMG equipment market during 2023-2028?
3. What has been the impact of COVID-19 on the global EEG and EMG equipment market?
4. What are the key factors driving the global EEG and EMG equipment market?
5. What is the breakup of the global EEG and EMG equipment market based on the type?
6. What is the breakup of the global EEG and EMG equipment market based on the modality?
7. What is the breakup of the global EEG and EMG equipment market based on the application?
8. What are the key regions in the global EEG and EMG equipment market?
9. Who are the key players/companies in the global EEG and EMG equipment market?

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