

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

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Report description:

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,

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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

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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?

Table of Contents:

- 1 Preface
- 2 Scope and Methodology
 - 2.1 Objectives of the Study
 - 2.2 Stakeholders
 - 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
 - 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
 - 2.5 Forecasting Methodology
- 3 Executive Summary
- 4 Introduction
 - 4.1 Overview
 - 4.2 Key Industry Trends
- 5 Global EEG and EMG Equipment Market
 - 5.1 Market Overview
 - 5.2 Market Performance
 - 5.3 Impact of COVID-19
 - 5.4 Market Forecast
- 6 Market Breakup by Type
 - 6.1 Electroencephalography
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
 - 6.2 Electromyography
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 7 Market Breakup by Modality
 - 7.1 Standalone

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- 7.1.1 Market Trends
- 7.1.2 Market Forecast
- 7.2 Portable
- 7.2.1 Market Trends
- 7.2.2 Market Forecast
- 8 Market Breakup by Application
- 8.1 Hospitals and Clinics
- 8.1.1 Market Trends
- 8.1.2 Market Forecast
- 8.2 Diagnostic Centers
- 8.2.1 Market Trends
- 8.2.2 Market Forecast
- 8.3 Research Institutes
- 8.3.1 Market Trends
- 8.3.2 Market Forecast
- 8.4 Others
- 8.4.1 Market Trends
- 8.4.2 Market Forecast
- 9 Market Breakup by Region
- 9.1 North America
- 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia Pacific
- 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
- 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
- 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
- 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
- 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
- 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends

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- 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast
- 10 SWOT Analysis
 - 10.1 Overview
 - 10.2 Strengths
 - 10.3 Weaknesses
 - 10.4 Opportunities
 - 10.5 Threats
- 11 Value Chain Analysis
- 12 Porters Five Forces Analysis
 - 12.1 Overview
 - 12.2 Bargaining Power of Buyers

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- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes
- 13 Price Analysis
- 14 Competitive Landscape
 - 14.1 Market Structure
 - 14.2 Key Players
 - 14.3 Profiles of Key Players
 - 14.3.1 Allergers Medical Systems Limited
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.2 Cadwell Industries Inc.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.3 Compumedics Limited (D & DJ Burton Holdings Pty Ltd.)
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.4 Electrical Geodesics Inc. (Magstim EGI)
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.5 General Electric Company
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
 - 14.3.6 Masimo Corporation
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.6.4 SWOT Analysis
 - 14.3.7 Medtronic Plc
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
 - 14.3.7.4 SWOT Analysis
 - 14.3.8 Natus Medical Incorporated
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
 - 14.3.9 Nihon Kohden Corporation
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis

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14.3.10 Zynex Inc.

14.3.10.1 Company Overview

14.3.10.2 Product Portfolio

14.3.10.3 Financials

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