

Global Electromyography Devices Market Size study & Forecast, by Mobility (Portable EMG systems, Stationary EMG systems) by Product (Software, Electrode, Surface EMG, Intramuscular EMG), by Applications (Muscular disorder, Neuromuscular disorder, Neuromuscular, Other applications) and Regional Analysis, 2022-2029

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Abstracts

Global Electromyography Devices Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Electromyography is a diagnostic procedure. It is used to assess the condition of the muscles and nerve cells in charge of controlling the muscles. EMG transforms signals into numbers or graphs to help in medical diagnosis. A non-invasive technique with no known health risks is electromyography (EMG). Electromyography devices were demonstrated to be utilized in the treatment of migraine and headache symptoms in between 40% and 60% of patients. Electromyography devices are used to treat patients who have temporomandibular joint disorders, torticollis, bruxism, cerebrovascular risk, nerve injury, and other disorders. The key factor driving the market growth is rising neuromuscular disorders such as Parkinson's and Alzheimer's disease. Also, another factor driving the market growth is rising technological advances, such as survival, loading and simultaneous raw data acquisition can propel the market growth.

Electromyography Devices are widely used in the diagnostic process of neuromuscular disorders such as Parkinson's and Alzheimer's disease. As a result, the rising prevalence of neuromuscular disorders is anticipated to create lucrative demand for the market. as per WHO epilepsy is the most common neurological disease worldwide,

around 50 million people globally have epilepsy. Also, according to Statista, in 2020, the death rate for epilepsy was 0.6 per 100,000 population in the United States, a slight increase from a rate of 0.3 in the year 2013. However, the rising technological advancement such as the rs-EMGx EMG system, which enables the simultaneous EMG recording of 4 channels on a single subject driving the market growth. Also, increasing focus on minimally invasive surgeries is anticipated to create lucrative opportunities for the market during the forecast period. However, the stringent regulatory guidelines associated with medical electrodes stifle market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Electromyography Devices Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia-Pacific is the dominating region across the world in terms of market share, owing to the increasing demand for neurophysiology devices, rising disposable income of emerging countries and increasing number of hospitals, specialized neuro-care centres, and clinics in the region. Whereas, North America is also anticipated to exhibit the highest growth rate over the forecast period, owing to factors such as rising awareness relating to electromyography and the rising prevalence of neuromuscular disorders would create lucrative growth prospects for the Electromyography Devices market across North America region.

Major market player included in this report are:

Compumedics Limited

Cadwell Laboratories Inc.

Covidien Limited

Electrical Geodesics Inc.

Natus Medical Inc.

Nihon Kohden America Inc.

NeuroWave Systems Inc.

Noraxon U.S.A. Inc.

Medtronic plc

iWorx Systems Inc

Recent Developments in the Market:

In 2022, Seoul National University Hospital endorsed a clinical trial under the title 'The Effect of Back Muscles Activation on Idiopathic Scoliosis Using Surface Electromyography', in the study the authors evaluating the effect of back muscle activation functions on idiopathic scoliosis in healthy children (5 to 12 years old) using surface electromyography.

In 2022, Cadwell announced the release of the Pudendal (Pelvic Floor) Stimulating and

Cable and Recording Electrode for the United States market. The Sierra Summit system is intended for use with the pudendal electrode, made by Spes Medica, to measure the pudendal nerve terminal motor latency (PNTML) in the anal sphincter.

Global Electromyography Devices Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Mobility, Product, Applications, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Mobility:

Portable EMG systems

Stationary EMG systems

By Product:

Software

Electrode

Surface EMG

Intramuscular EMG

By Application:

Muscular disorder

Neuromuscular disorder

Neuromuscular

Other applications

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

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