

Medical Electrodes Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-07-05 | 144 pages | IMARC Group

AVAILABLE LICENSES:

- Electronic (PDF) Single User \$3999.00
- Five User Licence \$4999.00
- Enterprisewide License \$5999.00

Report description:

Market Overview:

The global medical electrodes market size reached US\$ 1,214 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,554 Million by 2028, exhibiting a growth rate (CAGR) of 4.3% during 2023-2028.

A medical electrode is a solid electronic conductor that is used to transfer the ionic current in the body into electric current for biological measurements. It comprises a metal part, lead and an electrode conducting paste and assists in the diagnosis of various nervous, ocular, cardiac and muscular disorders. Depending upon the anatomical location, multiple medical electrodes are used to receive bio-signals such as Electrocardiogram (ECG), electroencephalogram (EEG) and Electromyogram (EMG). Medical professionals highly prefer these electrodes as they are affordable, disposable, sterilizable and easy to administer. Owing to these benefits, they find wide application in various orthopedic, cardiovascular, cosmetic and neurosurgeries in hospitals, diagnostic centers and medical research institutions.

The increasing prevalence of degenerative neurological and cardiological diseases, such as Parkinson's, Alzheimer's, fibromyalgia and various brain disorders, is a key driving factor for the market growth. Furthermore, the rising geriatric population that has created a need for early diagnosis of ailments is also increasing the demand for medical electrodes globally. Also, increasing investments and government support through favorable policies is catalyzing the growth of the market. Owing to these factors, there has been a significant increase in research and development (R&D) to ensure easy access to quality healthcare for the vulnerable population and developing healthcare infrastructure while making it affordable for all. Moreover, technological developments such as advancements in nanotechnology have enabled miniaturization of these electrodes and facilitated their application for various minimally invasive surgeries.

Key Market Segmentation:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

IMARC Group provides an analysis of the key trends in each sub-segment of the global medical electrodes market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on electrode type, usability, technology, application and end user.

Breakup by Electrode Type:

- Diagnostic Electrodes
 - Electrocardiogram (ECG) Electrodes
 - Electromyogram (EMG) Electrodes
 - Electroencephalogram (EEG) Electrodes
 - Electronystagmogram (ENG) Electrodes
- Neonatal Electrodes
- Fetal Scalp Electrodes
- Others
- Therapeutic Electrodes
 - Defibrillator Electrodes
 - Electrosurgical Electrodes
 - Pacemaker Electrodes
 - Transcutaneous Electrical Nerve Stimulation (TENS) Electrodes
- Others

Breakup by Usability:

- Disposable Medical Electrodes
- Reusable Medical Electrodes

Breakup by Technology:

- Surface Electrodes
- Needle Electrodes

Breakup by Application:

- Cardiology
- Neurophysiology
- Sleep Disorders
- Intraoperative Monitoring
- Others

Breakup by End User:

- Hospitals
- Diagnostic Centers
- Medical Research Institutions
- Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Breakup by Region:

North America

Europe

Asia Pacific

Middle East and Africa

Latin America

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Medtronic PLC, CONMED, 3M Company, Koninklijke Philips N.V., Ambu A/S, Dymedix Diagnostics, Natus Medical Incorporated, Cognionics Inc., Cooper Surgical Inc., ZOLL Medical Corporation, C. R. Bard Inc., RhythmLink International company, NeuroSky and GE Healthcare.

Key Questions Answered in This Report:

How has the global medical electrodes market performed so far and how will it perform in the coming years?

What are the key regional markets in the global medical electrodes industry?

What has been the impact of COVID-19 on the global medical electrodes industry?

What is the breakup of the market based on the electrode type?

What is the breakup of the market based on the usability?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the global medical electrodes industry?

What are the key driving factors and challenges in the global medical electrodes industry?

What is the structure of the global medical electrodes industry and who are the key players?

What is the degree of competition in the global medical electrodes industry?

What are the profit margins in the global medical electrodes industry?

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 Medical Electrodes Market
 - 5.1 Market Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Electrode Type
- 5.5 Market Breakup by Usability
- 5.6 Market Breakup by Technology
- 5.7 Market Breakup by Application
- 5.8 Market Breakup by End User
- 5.9 Market Breakup by Region
- 5.10 Market Forecast
- 6 Market Breakup by Electrode Type
 - 6.1 Diagnostic Electrodes
 - 6.1.1 Market Trends
 - 6.1.2 Market Breakup by Type
 - 6.1.2.1 Electrocardiogram (ECG) Electrodes
 - 6.1.2.2 Electromyogram (EMG) Electrodes
 - 6.1.2.3 Electroencephalogram (EEG) Electrodes
 - 6.1.2.4 Electronystagmogram (ENG) Electrodes
 - 6.1.2.5 Neonatal Electrodes
 - 6.1.2.6 Fetal Scalp Electrodes
 - 6.1.2.7 Others
 - 6.1.3 Market Forecast
 - 6.2 Therapeutic Electrodes
 - 6.2.1 Market Trends
 - 6.2.2 Market Breakup by Type
 - 6.2.2.1 Defibrillator Electrodes
 - 6.2.2.2 Electrosurgical Electrodes
 - 6.2.2.3 Pacemaker Electrodes
 - 6.2.2.4 Transcutaneous Electrical Nerve Stimulation (TENS) Electrodes
 - 6.2.2.5 Others
 - 6.2.3 Market Forecast
- 7 Market Breakup by Usability
 - 7.1 Disposable Medical Electrodes
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
 - 7.2 Reusable Medical Electrodes
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 8 Market Breakup by Technology
 - 8.1 Surface Electrodes
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
 - 8.2 Needle Electrodes
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 9 Market Breakup by Application
 - 9.1 Cardiology
 - 9.1.1 Market Trends

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.1.2 Market Forecast
- 9.2 Neurophysiology
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Sleep Disorders
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast
- 9.4 Intraoperative Monitoring
 - 9.4.1 Market Trends
 - 9.4.2 Market Forecast
- 9.5 Others
 - 9.5.1 Market Trends
 - 9.5.2 Market Forecast
- 10 Market Breakup by End User
 - 10.1 Hospitals
 - 10.1.1 Market Trends
 - 10.1.2 Market Forecast
 - 10.2 Diagnostic Centers
 - 10.2.1 Market Trends
 - 10.2.2 Market Forecast
 - 10.3 Medical Research Institutions
 - 10.3.1 Market Trends
 - 10.3.2 Market Forecast
 - 10.4 Others
 - 10.4.1 Market Trends
 - 10.4.2 Market Forecast
- 11 Market Breakup by Region
 - 11.1 North America
 - 11.1.1 Market Trends
 - 11.1.2 Market Forecast
 - 11.2 Europe
 - 11.2.1 Market Trends
 - 11.2.2 Market Forecast
 - 11.3 Asia Pacific
 - 11.3.1 Market Trends
 - 11.3.2 Market Forecast
 - 11.4 Middle East and Africa
 - 11.4.1 Market Trends
 - 11.4.2 Market Forecast
 - 11.5 Latin America
 - 11.5.1 Market Trends
 - 11.5.2 Market Forecast
- 12 SWOT Analysis
 - 12.1 Overview
 - 12.2 Strengths
 - 12.3 Weaknesses
 - 12.4 Opportunities

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 12.5 Threats
- 13 Value Chain Analysis
- 14 Porters Five Forces Analysis
 - 14.1 Overview
 - 14.2 Bargaining Power of Buyers
 - 14.3 Bargaining Power of Suppliers
 - 14.4 Degree of Competition
 - 14.5 Threat of New Entrants
 - 14.6 Threat of Substitutes
- 15 Price Analysis
 - 15.1 Key Price Indicators
 - 15.2 Price Structure
 - 15.3 Margin Analysis
- 16 Competitive Landscape
 - 16.1 Market Structure
 - 16.2 Key Players
 - 16.3 Profiles of Key Players
 - 16.3.1 Medtronic PLC
 - 16.3.2 CONMED
 - 16.3.3 3M Company
 - 16.3.4 Koninklijke Philips N.V.
 - 16.3.5 Ambu A/S
 - 16.3.6 Dymedix Diagnostics
 - 16.3.7 Natus Medical Incorporated
 - 16.3.8 Cognionics Inc.
 - 16.3.9 Cooper Surgical Inc.
 - 16.3.10 ZOLL Medical Corporation
 - 16.3.11 C. R. Bard Inc.
 - 16.3.12 Rhythmink International company
 - 16.3.13 NeuroSky
 - 16.3.14 GE Healthcare

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Medical Electrodes Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-07-05 | 144 pages | IMARC Group

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Electronic (PDF) Single User	\$3999.00
	Five User Licence	\$4999.00
	Enterprisewide License	\$5999.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-16"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

