

# Global Portable Reference Electrodes Market Growth 2022-2028

https://marketpublishers.com/r/G818B0F7DAC6EN.html

Date: October 2022

Pages: 113

Price: US\$ 3,660.00 (Single User License)

ID: G818B0F7DAC6EN

#### **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

The global market for Portable Reference Electrodes is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Portable Reference Electrodes market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Portable Reference Electrodes market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Portable Reference Electrodes market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Portable Reference Electrodes market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Portable Reference Electrodes players cover GMC, Allied Corrosion Industries, Inc., AMAC Group, Matcor, Inc. and COREXCO, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage



This latest report provides a deep insight into the global Portable Reference Electrodes market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Portable Reference Electrodes market, with both quantitative and qualitative data, to help readers understand how the Portable Reference Electrodes market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

#### Market Segmentation:

The study segments the Portable Reference Electrodes market and forecasts the market size by Type (Copper/Copper Sulphate Electrode, Silver/Sliver Chloride Electrode and Zinc/Zinc Sulphate Electrode), by Application (Oil and Gas, Marine Industry, Ground and Underground Storage Tanks and Others), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Copper/Copper Sulphate Electrode

Silver/Sliver Chloride Electrode

Zinc/Zinc Sulphate Electrode

Segmentation by application

Oil and Gas

Marine Industry

Ground and Underground Storage Tanks



#### Others

### Segmentation by region

#### **Americas**

**United States** 

Canada

Mexico

Brazil

#### **APAC**

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy



Major

Russia			
Middle East & Africa			
Egypt			
South Africa			
Israel			
Turkey			
GCC Countries			
companies covered			
GMC			
Allied Corrosion Industries, Inc.			
AMAC Group			
Matcor, Inc.			
COREXCO			
Borin Manufacturing			
Bin Sari Specialized Technologies			
Corrosion Control Engineering			
Cathtect USA Inc			
Shandong Corrtech Cathodic Protection Technology Company			
Anjamgroup			



Sepehr Danesh Pooya

Electrochemical Devices Inc.

Aegion

MC Miller Manufacturing

Tinker & Rasor

**Chapter Introduction** 

Silvion

Chapter 1: Scope of Portable Reference Electrodes, Research Methodology, etc.

Chapter 2: Executive Summary, global Portable Reference Electrodes market size (sales and revenue) and CAGR, Portable Reference Electrodes market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Portable Reference Electrodes sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Portable Reference Electrodes sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers



Chapter 12: Global Portable Reference Electrodes market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including GMC, Allied Corrosion Industries, Inc., AMAC Group, Matcor, Inc., COREXCO, Borin Manufacturing, Bin Sari Specialized Technologies, Corrosion Control Engineering and Cathtect USA Inc, etc.

Chapter 14: Research Findings and Conclusion



#### **Contents**

#### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

#### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global Portable Reference Electrodes Annual Sales 2017-2028
- 2.1.2 World Current & Future Analysis for Portable Reference Electrodes by Geographic Region, 2017, 2022 & 2028
- 2.1.3 World Current & Future Analysis for Portable Reference Electrodes by Country/Region, 2017, 2022 & 2028
- 2.2 Portable Reference Electrodes Segment by Type
  - 2.2.1 Copper/Copper Sulphate Electrode
  - 2.2.2 Silver/Sliver Chloride Electrode
  - 2.2.3 Zinc/Zinc Sulphate Electrode
- 2.3 Portable Reference Electrodes Sales by Type
  - 2.3.1 Global Portable Reference Electrodes Sales Market Share by Type (2017-2022)
- 2.3.2 Global Portable Reference Electrodes Revenue and Market Share by Type (2017-2022)
- 2.3.3 Global Portable Reference Electrodes Sale Price by Type (2017-2022)
- 2.4 Portable Reference Electrodes Segment by Application
  - 2.4.1 Oil and Gas
  - 2.4.2 Marine Industry
  - 2.4.3 Ground and Underground Storage Tanks
  - 2.4.4 Others
- 2.5 Portable Reference Electrodes Sales by Application
- 2.5.1 Global Portable Reference Electrodes Sale Market Share by Application (2017-2022)
- 2.5.2 Global Portable Reference Electrodes Revenue and Market Share by Application (2017-2022)



2.5.3 Global Portable Reference Electrodes Sale Price by Application (2017-2022)

#### 3 GLOBAL PORTABLE REFERENCE ELECTRODES BY COMPANY

- 3.1 Global Portable Reference Electrodes Breakdown Data by Company
- 3.1.1 Global Portable Reference Electrodes Annual Sales by Company (2020-2022)
- 3.1.2 Global Portable Reference Electrodes Sales Market Share by Company (2020-2022)
- 3.2 Global Portable Reference Electrodes Annual Revenue by Company (2020-2022)
- 3.2.1 Global Portable Reference Electrodes Revenue by Company (2020-2022)
- 3.2.2 Global Portable Reference Electrodes Revenue Market Share by Company (2020-2022)
- 3.3 Global Portable Reference Electrodes Sale Price by Company
- 3.4 Key Manufacturers Portable Reference Electrodes Producing Area Distribution, Sales Area, Product Type
  - 3.4.1 Key Manufacturers Portable Reference Electrodes Product Location Distribution
  - 3.4.2 Players Portable Reference Electrodes Products Offered
- 3.5 Market Concentration Rate Analysis
  - 3.5.1 Competition Landscape Analysis
  - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

# 4 WORLD HISTORIC REVIEW FOR PORTABLE REFERENCE ELECTRODES BY GEOGRAPHIC REGION

- 4.1 World Historic Portable Reference Electrodes Market Size by Geographic Region (2017-2022)
- 4.1.1 Global Portable Reference Electrodes Annual Sales by Geographic Region (2017-2022)
- 4.1.2 Global Portable Reference Electrodes Annual Revenue by Geographic Region
- 4.2 World Historic Portable Reference Electrodes Market Size by Country/Region (2017-2022)
- 4.2.1 Global Portable Reference Electrodes Annual Sales by Country/Region (2017-2022)
- 4.2.2 Global Portable Reference Electrodes Annual Revenue by Country/Region
- 4.3 Americas Portable Reference Electrodes Sales Growth
- 4.4 APAC Portable Reference Electrodes Sales Growth
- 4.5 Europe Portable Reference Electrodes Sales Growth



#### 4.6 Middle East & Africa Portable Reference Electrodes Sales Growth

#### **5 AMERICAS**

- 5.1 Americas Portable Reference Electrodes Sales by Country
  - 5.1.1 Americas Portable Reference Electrodes Sales by Country (2017-2022)
- 5.1.2 Americas Portable Reference Electrodes Revenue by Country (2017-2022)
- 5.2 Americas Portable Reference Electrodes Sales by Type
- 5.3 Americas Portable Reference Electrodes Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

#### 6 APAC

- 6.1 APAC Portable Reference Electrodes Sales by Region
  - 6.1.1 APAC Portable Reference Electrodes Sales by Region (2017-2022)
  - 6.1.2 APAC Portable Reference Electrodes Revenue by Region (2017-2022)
- 6.2 APAC Portable Reference Electrodes Sales by Type
- 6.3 APAC Portable Reference Electrodes Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

#### **7 EUROPE**

- 7.1 Europe Portable Reference Electrodes by Country
  - 7.1.1 Europe Portable Reference Electrodes Sales by Country (2017-2022)
  - 7.1.2 Europe Portable Reference Electrodes Revenue by Country (2017-2022)
- 7.2 Europe Portable Reference Electrodes Sales by Type
- 7.3 Europe Portable Reference Electrodes Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK



- 7.7 Italy
- 7.8 Russia

#### **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Portable Reference Electrodes by Country
- 8.1.1 Middle East & Africa Portable Reference Electrodes Sales by Country (2017-2022)
- 8.1.2 Middle East & Africa Portable Reference Electrodes Revenue by Country (2017-2022)
- 8.2 Middle East & Africa Portable Reference Electrodes Sales by Type
- 8.3 Middle East & Africa Portable Reference Electrodes Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

#### 9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

#### 10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Portable Reference Electrodes
- 10.3 Manufacturing Process Analysis of Portable Reference Electrodes
- 10.4 Industry Chain Structure of Portable Reference Electrodes

#### 11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Portable Reference Electrodes Distributors
- 11.3 Portable Reference Electrodes Customer



# 12 WORLD FORECAST REVIEW FOR PORTABLE REFERENCE ELECTRODES BY GEOGRAPHIC REGION

- 12.1 Global Portable Reference Electrodes Market Size Forecast by Region
  - 12.1.1 Global Portable Reference Electrodes Forecast by Region (2023-2028)
- 12.1.2 Global Portable Reference Electrodes Annual Revenue Forecast by Region (2023-2028)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Portable Reference Electrodes Forecast by Type
- 12.7 Global Portable Reference Electrodes Forecast by Application

#### 13 KEY PLAYERS ANALYSIS

- 13.1 GMC
  - 13.1.1 GMC Company Information
  - 13.1.2 GMC Portable Reference Electrodes Product Offered
- 13.1.3 GMC Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.1.4 GMC Main Business Overview
  - 13.1.5 GMC Latest Developments
- 13.2 Allied Corrosion Industries, Inc.
  - 13.2.1 Allied Corrosion Industries, Inc. Company Information
  - 13.2.2 Allied Corrosion Industries, Inc. Portable Reference Electrodes Product Offered
- 13.2.3 Allied Corrosion Industries, Inc. Portable Reference Electrodes Sales, Revenue,
- Price and Gross Margin (2020-2022)
  - 13.2.4 Allied Corrosion Industries, Inc. Main Business Overview
  - 13.2.5 Allied Corrosion Industries, Inc. Latest Developments
- 13.3 AMAC Group
  - 13.3.1 AMAC Group Company Information
  - 13.3.2 AMAC Group Portable Reference Electrodes Product Offered
- 13.3.3 AMAC Group Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.3.4 AMAC Group Main Business Overview
  - 13.3.5 AMAC Group Latest Developments
- 13.4 Matcor. Inc.
  - 13.4.1 Matcor, Inc. Company Information



- 13.4.2 Matcor, Inc. Portable Reference Electrodes Product Offered
- 13.4.3 Matcor, Inc. Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.4.4 Matcor, Inc. Main Business Overview
  - 13.4.5 Matcor, Inc. Latest Developments
- 13.5 COREXCO
  - 13.5.1 COREXCO Company Information
  - 13.5.2 COREXCO Portable Reference Electrodes Product Offered
- 13.5.3 COREXCO Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.5.4 COREXCO Main Business Overview
  - 13.5.5 COREXCO Latest Developments
- 13.6 Borin Manufacturing
  - 13.6.1 Borin Manufacturing Company Information
  - 13.6.2 Borin Manufacturing Portable Reference Electrodes Product Offered
- 13.6.3 Borin Manufacturing Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.6.4 Borin Manufacturing Main Business Overview
  - 13.6.5 Borin Manufacturing Latest Developments
- 13.7 Bin Sari Specialized Technologies
  - 13.7.1 Bin Sari Specialized Technologies Company Information
- 13.7.2 Bin Sari Specialized Technologies Portable Reference Electrodes Product Offered
- 13.7.3 Bin Sari Specialized Technologies Portable Reference Electrodes Sales,

Revenue, Price and Gross Margin (2020-2022)

- 13.7.4 Bin Sari Specialized Technologies Main Business Overview
- 13.7.5 Bin Sari Specialized Technologies Latest Developments
- 13.8 Corrosion Control Engineering
  - 13.8.1 Corrosion Control Engineering Company Information
- 13.8.2 Corrosion Control Engineering Portable Reference Electrodes Product Offered
- 13.8.3 Corrosion Control Engineering Portable Reference Electrodes Sales, Revenue,
- Price and Gross Margin (2020-2022)
  - 13.8.4 Corrosion Control Engineering Main Business Overview
  - 13.8.5 Corrosion Control Engineering Latest Developments
- 13.9 Cathtect USA Inc
  - 13.9.1 Cathtect USA Inc Company Information
  - 13.9.2 Cathtect USA Inc Portable Reference Electrodes Product Offered
- 13.9.3 Cathtect USA Inc Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)



- 13.9.4 Cathtect USA Inc Main Business Overview
- 13.9.5 Cathtect USA Inc Latest Developments
- 13.10 Shandong Corrtech Cathodic Protection Technology Company
- 13.10.1 Shandong Corrtech Cathodic Protection Technology Company Company Information
- 13.10.2 Shandong Corrtech Cathodic Protection Technology Company Portable Reference Electrodes Product Offered
- 13.10.3 Shandong Corrtech Cathodic Protection Technology Company Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.10.4 Shandong Corrtech Cathodic Protection Technology Company Main Business Overview
- 13.10.5 Shandong Corrtech Cathodic Protection Technology Company Latest Developments
- 13.11 Anjamgroup
  - 13.11.1 Anjamgroup Company Information
  - 13.11.2 Anjamgroup Portable Reference Electrodes Product Offered
- 13.11.3 Anjamgroup Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.11.4 Anjamgroup Main Business Overview
  - 13.11.5 Anjamgroup Latest Developments
- 13.12 Sepehr Danesh Pooya
- 13.12.1 Sepehr Danesh Pooya Company Information
- 13.12.2 Sepehr Danesh Pooya Portable Reference Electrodes Product Offered
- 13.12.3 Sepehr Danesh Pooya Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.12.4 Sepehr Danesh Pooya Main Business Overview
  - 13.12.5 Sepehr Danesh Pooya Latest Developments
- 13.13 Electrochemical Devices Inc.
  - 13.13.1 Electrochemical Devices Inc. Company Information
  - 13.13.2 Electrochemical Devices Inc. Portable Reference Electrodes Product Offered
- 13.13.3 Electrochemical Devices Inc. Portable Reference Electrodes Sales, Revenue,
- Price and Gross Margin (2020-2022)
  - 13.13.4 Electrochemical Devices Inc. Main Business Overview
  - 13.13.5 Electrochemical Devices Inc. Latest Developments
- 13.14 Aegion
  - 13.14.1 Aegion Company Information
  - 13.14.2 Aegion Portable Reference Electrodes Product Offered
- 13.14.3 Aegion Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)



- 13.14.4 Aegion Main Business Overview
- 13.14.5 Aegion Latest Developments
- 13.15 MC Miller Manufacturing
  - 13.15.1 MC Miller Manufacturing Company Information
  - 13.15.2 MC Miller Manufacturing Portable Reference Electrodes Product Offered
- 13.15.3 MC Miller Manufacturing Portable Reference Electrodes Sales, Revenue,
- Price and Gross Margin (2020-2022)
  - 13.15.4 MC Miller Manufacturing Main Business Overview
  - 13.15.5 MC Miller Manufacturing Latest Developments
- 13.16 Tinker & Rasor
  - 13.16.1 Tinker & Rasor Company Information
  - 13.16.2 Tinker & Rasor Portable Reference Electrodes Product Offered
- 13.16.3 Tinker & Rasor Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.16.4 Tinker & Rasor Main Business Overview
  - 13.16.5 Tinker & Rasor Latest Developments
- 13.17 Silvion
  - 13.17.1 Silvion Company Information
  - 13.17.2 Silvion Portable Reference Electrodes Product Offered
- 13.17.3 Silvion Portable Reference Electrodes Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.17.4 Silvion Main Business Overview
  - 13.17.5 Silvion Latest Developments

#### 14 RESEARCH FINDINGS AND CONCLUSION



#### **List Of Tables**

#### LIST OF TABLES

- Table 1. Portable Reference Electrodes Annual Sales CAGR by Geographic Region (2017, 2022 & 2028) & (\$ millions)
- Table 2. Portable Reference Electrodes Annual Sales CAGR by Country/Region (2017, 2022 & 2028) & (\$ millions)
- Table 3. Major Players of Copper/Copper Sulphate Electrode
- Table 4. Major Players of Silver/Sliver Chloride Electrode
- Table 5. Major Players of Zinc/Zinc Sulphate Electrode
- Table 6. Global Portable Reference Electrodes Sales by Type (2017-2022) & (K Units)
- Table 7. Global Portable Reference Electrodes Sales Market Share by Type (2017-2022)
- Table 8. Global Portable Reference Electrodes Revenue by Type (2017-2022) & (\$ million)
- Table 9. Global Portable Reference Electrodes Revenue Market Share by Type (2017-2022)
- Table 10. Global Portable Reference Electrodes Sale Price by Type (2017-2022) & (US\$/Unit)
- Table 11. Global Portable Reference Electrodes Sales by Application (2017-2022) & (K Units)
- Table 12. Global Portable Reference Electrodes Sales Market Share by Application (2017-2022)
- Table 13. Global Portable Reference Electrodes Revenue by Application (2017-2022)
- Table 14. Global Portable Reference Electrodes Revenue Market Share by Application (2017-2022)
- Table 15. Global Portable Reference Electrodes Sale Price by Application (2017-2022) & (US\$/Unit)
- Table 16. Global Portable Reference Electrodes Sales by Company (2020-2022) & (K Units)
- Table 17. Global Portable Reference Electrodes Sales Market Share by Company (2020-2022)
- Table 18. Global Portable Reference Electrodes Revenue by Company (2020-2022) (\$ Millions)
- Table 19. Global Portable Reference Electrodes Revenue Market Share by Company (2020-2022)
- Table 20. Global Portable Reference Electrodes Sale Price by Company (2020-2022) & (US\$/Unit)



- Table 21. Key Manufacturers Portable Reference Electrodes Producing Area Distribution and Sales Area
- Table 22. Players Portable Reference Electrodes Products Offered
- Table 23. Portable Reference Electrodes Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)
- Table 24. New Products and Potential Entrants
- Table 25. Mergers & Acquisitions, Expansion
- Table 26. Global Portable Reference Electrodes Sales by Geographic Region (2017-2022) & (K Units)
- Table 27. Global Portable Reference Electrodes Sales Market Share Geographic Region (2017-2022)
- Table 28. Global Portable Reference Electrodes Revenue by Geographic Region (2017-2022) & (\$ millions)
- Table 29. Global Portable Reference Electrodes Revenue Market Share by Geographic Region (2017-2022)
- Table 30. Global Portable Reference Electrodes Sales by Country/Region (2017-2022) & (K Units)
- Table 31. Global Portable Reference Electrodes Sales Market Share by Country/Region (2017-2022)
- Table 32. Global Portable Reference Electrodes Revenue by Country/Region (2017-2022) & (\$ millions)
- Table 33. Global Portable Reference Electrodes Revenue Market Share by Country/Region (2017-2022)
- Table 34. Americas Portable Reference Electrodes Sales by Country (2017-2022) & (K Units)
- Table 35. Americas Portable Reference Electrodes Sales Market Share by Country (2017-2022)
- Table 36. Americas Portable Reference Electrodes Revenue by Country (2017-2022) & (\$ Millions)
- Table 37. Americas Portable Reference Electrodes Revenue Market Share by Country (2017-2022)
- Table 38. Americas Portable Reference Electrodes Sales by Type (2017-2022) & (K Units)
- Table 39. Americas Portable Reference Electrodes Sales Market Share by Type (2017-2022)
- Table 40. Americas Portable Reference Electrodes Sales by Application (2017-2022) & (K Units)
- Table 41. Americas Portable Reference Electrodes Sales Market Share by Application (2017-2022)



- Table 42. APAC Portable Reference Electrodes Sales by Region (2017-2022) & (K Units)
- Table 43. APAC Portable Reference Electrodes Sales Market Share by Region (2017-2022)
- Table 44. APAC Portable Reference Electrodes Revenue by Region (2017-2022) & (\$ Millions)
- Table 45. APAC Portable Reference Electrodes Revenue Market Share by Region (2017-2022)
- Table 46. APAC Portable Reference Electrodes Sales by Type (2017-2022) & (K Units)
- Table 47. APAC Portable Reference Electrodes Sales Market Share by Type (2017-2022)
- Table 48. APAC Portable Reference Electrodes Sales by Application (2017-2022) & (K Units)
- Table 49. APAC Portable Reference Electrodes Sales Market Share by Application (2017-2022)
- Table 50. Europe Portable Reference Electrodes Sales by Country (2017-2022) & (K Units)
- Table 51. Europe Portable Reference Electrodes Sales Market Share by Country (2017-2022)
- Table 52. Europe Portable Reference Electrodes Revenue by Country (2017-2022) & (\$ Millions)
- Table 53. Europe Portable Reference Electrodes Revenue Market Share by Country (2017-2022)
- Table 54. Europe Portable Reference Electrodes Sales by Type (2017-2022) & (K Units)
- Table 55. Europe Portable Reference Electrodes Sales Market Share by Type (2017-2022)
- Table 56. Europe Portable Reference Electrodes Sales by Application (2017-2022) & (K Units)
- Table 57. Europe Portable Reference Electrodes Sales Market Share by Application (2017-2022)
- Table 58. Middle East & Africa Portable Reference Electrodes Sales by Country (2017-2022) & (K Units)
- Table 59. Middle East & Africa Portable Reference Electrodes Sales Market Share by Country (2017-2022)
- Table 60. Middle East & Africa Portable Reference Electrodes Revenue by Country (2017-2022) & (\$ Millions)
- Table 61. Middle East & Africa Portable Reference Electrodes Revenue Market Share by Country (2017-2022)



Table 62. Middle East & Africa Portable Reference Electrodes Sales by Type (2017-2022) & (K Units)

Table 63. Middle East & Africa Portable Reference Electrodes Sales Market Share by Type (2017-2022)

Table 64. Middle East & Africa Portable Reference Electrodes Sales by Application (2017-2022) & (K Units)

Table 65. Middle East & Africa Portable Reference Electrodes Sales Market Share by Application (2017-2022)

Table 66. Key Market Drivers & Growth Opportunities of Portable Reference Electrodes

Table 67. Key Market Challenges & Risks of Portable Reference Electrodes

Table 68. Key Industry Trends of Portable Reference Electrodes

Table 69. Portable Reference Electrodes Raw Material

Table 70. Key Suppliers of Raw Materials

Table 71. Portable Reference Electrodes Distributors List

Table 72. Portable Reference Electrodes Customer List

Table 73. Global Portable Reference Electrodes Sales Forecast by Region (2023-2028) & (K Units)

Table 74. Global Portable Reference Electrodes Sales Market Forecast by Region

Table 75. Global Portable Reference Electrodes Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 76. Global Portable Reference Electrodes Revenue Market Share Forecast by Region (2023-2028)

Table 77. Americas Portable Reference Electrodes Sales Forecast by Country (2023-2028) & (K Units)

Table 78. Americas Portable Reference Electrodes Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 79. APAC Portable Reference Electrodes Sales Forecast by Region (2023-2028) & (K Units)

Table 80. APAC Portable Reference Electrodes Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 81. Europe Portable Reference Electrodes Sales Forecast by Country (2023-2028) & (K Units)

Table 82. Europe Portable Reference Electrodes Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 83. Middle East & Africa Portable Reference Electrodes Sales Forecast by Country (2023-2028) & (K Units)

Table 84. Middle East & Africa Portable Reference Electrodes Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 85. Global Portable Reference Electrodes Sales Forecast by Type (2023-2028) &



(K Units)

Table 86. Global Portable Reference Electrodes Sales Market Share Forecast by Type (2023-2028)

Table 87. Global Portable Reference Electrodes Revenue Forecast by Type (2023-2028) & (\$ Millions)

Table 88. Global Portable Reference Electrodes Revenue Market Share Forecast by Type (2023-2028)

Table 89. Global Portable Reference Electrodes Sales Forecast by Application (2023-2028) & (K Units)

Table 90. Global Portable Reference Electrodes Sales Market Share Forecast by Application (2023-2028)

Table 91. Global Portable Reference Electrodes Revenue Forecast by Application (2023-2028) & (\$ Millions)

Table 92. Global Portable Reference Electrodes Revenue Market Share Forecast by Application (2023-2028)

Table 93. GMC Basic Information, Portable Reference Electrodes Manufacturing Base, Sales Area and Its Competitors

Table 94. GMC Portable Reference Electrodes Product Offered

Table 95. GMC Portable Reference Electrodes Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2020-2022)

Table 96. GMC Main Business

Table 97. GMC Latest Developments

Table 98. Allied Corrosion Industries, Inc. Basic Information, Portable Reference

Electrodes Manufacturing Base, Sales Area and Its Competitors

Table 99. Allied Corrosion Industries, Inc. Portable Reference Electrodes Product Offered

Table 100. Allied Corrosion Industries, Inc. Portable Reference Electrodes Sales (K

Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 101. Allied Corrosion Industries, Inc. Main Business

Table 102. Allied Corrosion Industries, Inc. Latest Developments

Table 103. AMAC Group Basic Information, Portable Reference Electrodes

Manufacturing Base, Sales Area and Its Competitors

Table 104. AMAC Group Portable Reference Electrodes Product Offered

Table 105. AMAC Group Portable Reference Electrodes Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 106. AMAC Group Main Business

Table 107. AMAC Group Latest Developments

Table 108. Matcor, Inc. Basic Information, Portable Reference Electrodes

Manufacturing Base, Sales Area and Its Competitors



Table 109. Matcor, Inc. Portable Reference Electrodes Product Offered

Table 110. Matcor, Inc. Portable Reference Electrodes Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 111. Matcor, Inc. Main Business

Table 112. Matcor, Inc. Latest Developments

Table 113. COREXCO Basic Information, Portable Reference Electrodes Manufacturing

Base, Sales Area and Its Competitors

Table 114. COREXCO Portable Reference Electrodes Product Offered

Table 115. COREXCO Portable Reference Electrodes Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 116. COREXCO Main Business

Table 117. COREXCO Latest Developments

Table 118. Borin Manufacturing Basic Information, Portable Reference Electrodes

Manufacturing Base, Sales Area and Its Competitors

Table 119. Borin Manufacturing Portable Reference Electrodes Product Offered

Table 120. Borin Manufacturing Portable Reference Electrodes Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 121. Borin Manufacturing Main Business

Table 122. Borin Manufacturing Latest Developments

Table 123. Bin Sari Specialized Technologies Basic Information, Portable Reference

Electrodes Manufacturing Base, Sales Area and Its Competitors

Table 124. Bin Sari Specialized Technologies Portable Reference Electrodes Product Offered

Table 125. Bin Sari Specialized Technologies Portable Reference Electrodes Sales (K

Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 126. Bin Sari Specialized Technologies Main Business

Table 127. Bin Sari Specialized Technologies Latest Developments

Table 128. Corrosion Control Engineering Basic Information, Portable Reference

Electrodes Manufacturing Base, Sales Area and Its Competitors

Table 129. Corrosion Control Engineering Portable Reference Electrodes Product Offered

Table 130. Corrosion Control Engineering Portable Reference Electrodes Sales (K

Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 131. Corrosion Control Engineering Main Business

Table 132. Corrosion Control Engineering Latest Developments

Table 133. Cathtect USA Inc Basic Information, Portable Reference Electrodes

Manufacturing Base, Sales Area and Its Competitors

Table 134. Cathtect USA Inc Portable Reference Electrodes Product Offered

Table 135. Cathtect USA Inc Portable Reference Electrodes Sales (K Units), Revenue



(\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 136. Cathtect USA Inc Main Business

Table 137. Cathtect USA Inc Latest Developments

Table 138. Shandong Corrtech Cathodic Protection Technology Company Basic Information, Portable Reference Electrodes Manufacturing Base, Sales Area and Its Competitors

Table 139. Shandong Corrtech Cathodic Protection Technology Company Portable Reference Electrodes Product Offered

Table 140. Shandong Corrtech Cathodic Protection Technology Company Portable Reference Electrodes Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 141. Shandong Corrtech Cathodic Protection Technology Company Main Business

Table 142. Shandong Corrtech Cathodic Protection Technology Company Latest Developments

Table 143. Anjamgroup Basic Information, Portable Reference Electrodes Manufacturing Base, Sales Area and Its Competitors

Table 144. Anjamgroup Portable Reference Electrodes Product Offered

Table 145. Anjamgroup Portable Reference Electrodes Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 146. Anjamgroup Main Business

Table 147. Anjamgroup Latest Developments

Table 148. Sepehr Danesh Pooya Basic Information, Portable Reference Electrodes Manufacturing Base, Sales Area and Its Competitors

Table 149. Sepehr Danesh Pooya Portable Reference Electrodes Product Offered

Table 150. Sepehr Danesh Pooya Portable Reference Electrodes Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 151. Sepehr Danesh Pooya Main Business

Table 152. Sepehr Danesh Pooya Latest Developments

Table 153. Electrochemical Devices Inc. Basic Information, Portable Reference

Electrodes Manufacturing Base, Sales Area and Its Competitors

Table 154. Electrochemical Devices Inc. Portable Reference Electrodes Product Offered

Table 155. Electrochemical Devices Inc. Portable Reference Electrodes Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 156. Electrochemical Devices Inc. Main Business

Table 157. Electrochemical Devices Inc. Latest Developments

Table 158. Aegion Basic Information, Portable Reference Electrodes Manufacturing

Base, Sales Area and Its Competitors



Table 159. Aegion Portable Reference Electrodes Product Offered

Table 160. Aegion Portable Reference Electrodes Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2020-2022)

Table 161. Aegion Main Business

Table 162. Aegion Latest Developments

Table 163. MC Miller Manufacturing Basic Information, Portable Reference Electrodes

Manufacturing Base, Sales Area and Its Competitors

Table 164. MC Miller Manufacturing Portable Reference Electrodes Product Offered

Table 165. MC Miller Manufacturing Portable Reference Electrodes Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 166. MC Miller Manufacturing Main Business

Table 167. MC Miller Manufacturing Latest Developments

Table 168. Tinker & Rasor Basic Information, Portable Reference Electrodes

Manufacturing Base, Sales Area and Its Competitors

Table 169. Tinker & Rasor Portable Reference Electrodes Product Offered

Table 170. Tinker & Rasor Portable Reference Electrodes Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2020-2022)

Table 171. Tinker & Rasor Main Business

Table 172. Tinker & Rasor Latest Developments

Table 173. Silvion Basic Information, Portable Reference Electrodes Manufacturing

Base, Sales Area and Its Competitors

Table 174. Silvion Portable Reference Electrodes Product Offered

Table 175. Silvion Portable Reference Electrodes Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2020-2022)

Table 176. Silvion Main Business

Table 177. Silvion Latest Developments



## **List Of Figures**

#### **LIST OF FIGURES**

- Figure 1. Picture of Portable Reference Electrodes
- Figure 2. Portable Reference Electrodes Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Portable Reference Electrodes Sales Growth Rate 2017-2028 (K Units)
- Figure 7. Global Portable Reference Electrodes Revenue Growth Rate 2017-2028 (\$ Millions)
- Figure 8. Portable Reference Electrodes Sales by Region (2021 & 2028) & (\$ millions)
- Figure 9. Product Picture of Copper/Copper Sulphate Electrode
- Figure 10. Product Picture of Silver/Sliver Chloride Electrode
- Figure 11. Product Picture of Zinc/Zinc Sulphate Electrode
- Figure 12. Global Portable Reference Electrodes Sales Market Share by Type in 2021
- Figure 13. Global Portable Reference Electrodes Revenue Market Share by Type (2017-2022)
- Figure 14. Portable Reference Electrodes Consumed in Oil and Gas
- Figure 15. Global Portable Reference Electrodes Market: Oil and Gas (2017-2022) & (K Units)
- Figure 16. Portable Reference Electrodes Consumed in Marine Industry
- Figure 17. Global Portable Reference Electrodes Market: Marine Industry (2017-2022) & (K Units)
- Figure 18. Portable Reference Electrodes Consumed in Ground and Underground Storage Tanks
- Figure 19. Global Portable Reference Electrodes Market: Ground and Underground Storage Tanks (2017-2022) & (K Units)
- Figure 20. Portable Reference Electrodes Consumed in Others
- Figure 21. Global Portable Reference Electrodes Market: Others (2017-2022) & (K Units)
- Figure 22. Global Portable Reference Electrodes Sales Market Share by Application (2017-2022)
- Figure 23. Global Portable Reference Electrodes Revenue Market Share by Application in 2021
- Figure 24. Portable Reference Electrodes Revenue Market by Company in 2021 (\$ Million)
- Figure 25. Global Portable Reference Electrodes Revenue Market Share by Company



in 2021

- Figure 26. Global Portable Reference Electrodes Sales Market Share by Geographic Region (2017-2022)
- Figure 27. Global Portable Reference Electrodes Revenue Market Share by Geographic Region in 2021
- Figure 28. Global Portable Reference Electrodes Sales Market Share by Region (2017-2022)
- Figure 29. Global Portable Reference Electrodes Revenue Market Share by Country/Region in 2021
- Figure 30. Americas Portable Reference Electrodes Sales 2017-2022 (K Units)
- Figure 31. Americas Portable Reference Electrodes Revenue 2017-2022 (\$ Millions)
- Figure 32. APAC Portable Reference Electrodes Sales 2017-2022 (K Units)
- Figure 33. APAC Portable Reference Electrodes Revenue 2017-2022 (\$ Millions)
- Figure 34. Europe Portable Reference Electrodes Sales 2017-2022 (K Units)
- Figure 35. Europe Portable Reference Electrodes Revenue 2017-2022 (\$ Millions)
- Figure 36. Middle East & Africa Portable Reference Electrodes Sales 2017-2022 (K Units)
- Figure 37. Middle East & Africa Portable Reference Electrodes Revenue 2017-2022 (\$ Millions)
- Figure 38. Americas Portable Reference Electrodes Sales Market Share by Country in 2021
- Figure 39. Americas Portable Reference Electrodes Revenue Market Share by Country in 2021
- Figure 40. United States Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 41. Canada Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 42. Mexico Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 43. Brazil Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 44. APAC Portable Reference Electrodes Sales Market Share by Region in 2021
- Figure 45. APAC Portable Reference Electrodes Revenue Market Share by Regions in 2021
- Figure 46. China Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 47. Japan Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 48. South Korea Portable Reference Electrodes Revenue Growth 2017-2022 (\$



#### Millions)

- Figure 49. Southeast Asia Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 50. India Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 51. Australia Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 52. Europe Portable Reference Electrodes Sales Market Share by Country in 2021
- Figure 53. Europe Portable Reference Electrodes Revenue Market Share by Country in 2021
- Figure 54. Germany Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 55. France Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 56. UK Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 57. Italy Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 58. Russia Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 59. Middle East & Africa Portable Reference Electrodes Sales Market Share by Country in 2021
- Figure 60. Middle East & Africa Portable Reference Electrodes Revenue Market Share by Country in 2021
- Figure 61. Egypt Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 62. South Africa Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 63. Israel Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 64. Turkey Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 65. GCC Country Portable Reference Electrodes Revenue Growth 2017-2022 (\$ Millions)
- Figure 66. Manufacturing Cost Structure Analysis of Portable Reference Electrodes in 2021
- Figure 67. Manufacturing Process Analysis of Portable Reference Electrodes
- Figure 68. Industry Chain Structure of Portable Reference Electrodes
- Figure 69. Channels of Distribution
- Figure 70. Distributors Profiles



#### I would like to order

Product name: Global Portable Reference Electrodes Market Growth 2022-2028

Product link: https://marketpublishers.com/r/G818B0F7DAC6EN.html

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G818B0F7DAC6EN.html">https://marketpublishers.com/r/G818B0F7DAC6EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:		
Last name:		
Email:		
Company:		
Address:		
City:		
Zip code:		
Country:		
Tel:		
Fax:		
Your message:		
	**All fields are required	
	Custumer signature	

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970