

Global Piezoelectric Devices Market Research Report 2022 Professional Edition

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Abstracts

The global Piezoelectric Devices market was valued at 2103.43 Million USD in 2021 and will grow with a CAGR of 2.88% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Piezoelectricity is the electric charge that gets collected in solid materials such as crystals or ceramics when a mechanical force is applied. Piezoelectric materials exhibit two properties: direct effect and converse effect. The phenomenon when the voltage gets induced after applying mechanical force is called direct effect, while the phenomenon of changing the crystal shape and dimensions after applying voltage is called converse effect. APAC held the highest share in the global piezoelectric device market in 2017. Japan is involved in the researches on piezoelectric materials to a greater extent than any other country. In recent years, Japan has attempted to apply the piezoelectric technology for microscale applications. These attempts include the usage of piezoelectric technology in floors of train stations to generate electricity. Owing to these researches, the market in APAC is expected to grow at the highest rate in the coming years.

By Market Vendors:

PCB Piezotronics

Honeywell

Meggitt Sensing Systems

Bruel and Kjaer

Kistler Group

TE Connectivity

Dytran Instruments

Ceramtec GmbH

APC International

RION

Kyowa Electronic Instruments

Piezo Systems

Metrix Instrument

DJB Instruments

By Types:

Piezocrystals

Piezoceramics

Piezopolymers

Piezocomposites

By Applications:

Industrial and Manufacturing

Defense and Aerospace

Automotive

Healthcare

Information and Communication

Consumer Electronics

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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