

Global Piezoceramic Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Piezoceramic market size was valued at USD 7718.6 million in 2023 and is forecast to a readjusted size of USD 10110 million by 2030 with a CAGR of 3.9% during review period.

The Piezoceramic is a kind of functional ceramic materials which can create electricity when subjected to a mechanical stress. They will also work in reverse, generating a strain by the application of an electric field. In sensors they make it possible to convert forces, pressures and accelerations into electrical signals, and in sonic and ultrasonic transducers and actuators they convert electric voltages into vibrations or deformations.

In the global piezoelectric devices market, APAC held the highest share in 2017. Globally, the largest amount of research on piezoelectric materials and devices is undertaken in Japan. Several experiments on microscale applications of piezoelectric technology have been carried out in Japan, including the usage of this technology in floors of train stations to generate electricity. Owing to this, the market in APAC is expected to grow at the highest rate in the coming years.

The Global Info Research report includes an overview of the development of the Piezoceramic industry chain, the market status of Industrial & Manufacturing (Lead Zinc Titanates(PZT), Lead Titanate (PT)), Automotive (Lead Zinc Titanates(PZT), Lead Titanate (PT)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Piezoceramic.

Regionally, the report analyzes the Piezoceramic markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and



increasing consumer awareness. Asia-Pacific, particularly China, leads the global Piezoceramic market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Piezoceramic market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Piezoceramic industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Lead Zinc Titanates(PZT), Lead Titanate (PT)).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Piezoceramic market.

Regional Analysis: The report involves examining the Piezoceramic market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Piezoceramic market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Piezoceramic:

Company Analysis: Report covers individual Piezoceramic manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Piezoceramic This may involve surveys, interviews, and analysis of



consumer reviews and feedback from different by Application (Industrial & Manufacturing, Automotive).

Technology Analysis: Report covers specific technologies relevant to Piezoceramic. It assesses the current state, advancements, and potential future developments in Piezoceramic areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Piezoceramic market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Piezoceramic market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Lead Zinc Titanates(PZT)

Lead Titanate (PT)

Lead Magnesium Niobate (PMN)

Others

Market segment by Application

Industrial & Manufacturing

Automotive

Information & Telecommunication



Medical Devices Major players covered **MURATA** TDK **MORGAN** TAIYO YUDEN **KYOCERA** CeramTec PI Ceramic Exelis Sparkler Ceramics **KEPO Electronics APC International TRS** Noliac SensorTech Meggitt Sensing

Johnson Matthey

Kinetic Ceramics



Konghong Corporation

Jiakang Electronics **Datong Electronic** Audiowell Honghua Electronic Risun Electronic Yuhai Electronic Ceramic **PANT** Market segment by region, regional analysis covers North America (United States, Canada and Mexico) Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe) Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia) South America (Brazil, Argentina, Colombia, and Rest of South America) Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa) The content of the study subjects, includes a total of 15 chapters: Chapter 1, to describe Piezoceramic product scope, market overview, market estimation

and global market share of Piezoceramic from 2019 to 2024.

Chapter 2, to profile the top manufacturers of Piezoceramic, with price, sales, revenue

caveats and base year.



Chapter 3, the Piezoceramic competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Piezoceramic breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Piezoceramic market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Piezoceramic.

Chapter 14 and 15, to describe Piezoceramic sales channel, distributors, customers, research findings and conclusion.



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