

# Global Piezo Ceramic Technology Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GB378602D75EN.html>

Date: January 2024

Pages: 155

Price: US\$ 3,480.00 (Single User License)

ID: GB378602D75EN

## Abstracts

According to our (Global Info Research) latest study, the global Piezo Ceramic Technology market size was valued at USD 9481.2 million in 2023 and is forecast to a readjusted size of USD 12100 million by 2030 with a CAGR of 3.5% during review period.

The piezoelectric ceramic 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.

The industry's leading producers are MURATA, TDK and MORGAN, which accounted for 16.64%, 20.36% and 4.70% of revenue in 2019.

The Global Info Research report includes an overview of the development of the Piezo Ceramic Technology industry chain, the market status of Industrial and 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 Piezo Ceramic Technology.

Regionally, the report analyzes the Piezo Ceramic Technology 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 Piezo Ceramic Technology market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Piezo Ceramic Technology 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 Piezo Ceramic Technology 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 (M Pcs), 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 Piezo Ceramic Technology market.

**Regional Analysis:** The report involves examining the Piezo Ceramic Technology 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 Piezo Ceramic Technology market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Piezo Ceramic Technology:

**Company Analysis:** Report covers individual Piezo Ceramic Technology 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 Piezo Ceramic Technology This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Industrial and Manufacturing, Automotive).

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

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Piezo Ceramic Technology 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

Piezo Ceramic Technology 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 and Manufacturing

Automotive

Information and Telecommunication

Medical Devices

Others

### Major players covered

MURATA

TDK

MORGAN

Konghong Corporation

TAIYO YUDEN

KYOCERA

CeramTec GmbH

Exelis

Noliac

TRS

KEPO Electronics

APC International

Smart Material

Jiakang Electronics

SensorTech

Meggitt Sensing

Sparkler Ceramics

Johnson Matthey

PI Ceramic

Datong Electronic

Honghua Electronic

Audiowell

Risun Electronic

PANT

Yuhai Electronic Ceramic

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 Piezo Ceramic Technology product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Piezo Ceramic Technology, with price, sales, revenue and global market share of Piezo Ceramic Technology from 2019 to 2024.

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

Chapter 4, the Piezo Ceramic Technology 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 Piezo Ceramic Technology 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 Piezo Ceramic Technology.

Chapter 14 and 15, to describe Piezo Ceramic Technology sales channel, distributors, customers, research findings and conclusion.

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