

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Piezoelectric Devices Market 2018, Forecast to 2023

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## Abstracts

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. Scope of the Report:

This report focuses on the Piezoelectric Devices in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. 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. The worldwide market for Piezoelectric Devices is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

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

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Piezocrystals

Piezoceramics

Piezopolymers

Piezocomposites

Market Segment by Applications, can be divided into

Industrial and Manufacturing

Defense and Aerospace

Automotive

Healthcare

Information and Communication

Consumer Electronics

Others

There are 15 Chapters to deeply display the global Piezoelectric Devices market.

Chapter 1, to describe Piezoelectric Devices Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Piezoelectric Devices, with sales, revenue, and price of Piezoelectric Devices, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Piezoelectric Devices, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Piezoelectric Devices market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Piezoelectric Devices sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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