

# Global Piezo Actuators Sales Market Report 2017

<https://marketpublishers.com/r/G1DC632E61EWEN.html>

Date: November 2017

Pages: 113

Price: US\$ 4,000.00 (Single User License)

ID: G1DC632E61EWEN

## Abstracts

In this report, the global Piezo Actuators market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report split global into several key Regions, with sales (K Units), revenue (Million USD), market share and growth rate of Piezo Actuators for these regions, from 2012 to 2022 (forecast), covering

United States

China

Europe

Japan

Southeast Asia

India

Global Piezo Actuators market competition by top manufacturers/players, with Piezo Actuators sales volume, Price (USD/Unit), revenue (Million USD) and market share for each manufacturer/player; the top players including

Physik Instrumente (PI)

Thorlabs

Aerotech Inc.

Cedrat Technologies

Piezosystem Jena

PCBMotor

Mad City Labs

Kingwei Electronic

Mechonics AG

SmarAct GmbH

CeramTec

Dynamic Structures and Materials, LLC (DSM)

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Multilayer Actuators

Stacked Actuators

Shear Actuators

Amplified Actuators

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including

Optical Instruments

Electromagnetic Valve

Scientific Instrumentation

Air & space

Elcctrics

Other

If you have any special requirements, please let us know and we will offer you the report as you want.

## Contents

### Global Piezo Actuators Sales Market Report 2017

## **1 PIEZO ACTUATORS MARKET OVERVIEW**

### 1.1 Product Overview and Scope of Piezo Actuators

### 1.2 Classification of Piezo Actuators by Product Category

#### 1.2.1 Global Piezo Actuators Market Size (Sales) Comparison by Type (2012-2022)

#### 1.2.2 Global Piezo Actuators Market Size (Sales) Market Share by Type (Product Category) in 2016

#### 1.2.3 Multilayer Actuators

#### 1.2.4 Stacked Actuators

#### 1.2.5 Shear Actuators

#### 1.2.6 Amplified Actuators

### 1.3 Global Piezo Actuators Market by Application/End Users

#### 1.3.1 Global Piezo Actuators Sales (Volume) and Market Share Comparison by Application (2012-2022)

#### 1.3.2 Optical Instruments

#### 1.3.3 Electronmagnetic Valve

#### 1.3.4 Scientific Instrumentation

#### 1.3.5 Air & space

#### 1.3.6 Elcctrics

#### 1.3.7 Other

### 1.4 Global Piezo Actuators Market by Region

#### 1.4.1 Global Piezo Actuators Market Size (Value) Comparison by Region (2012-2022)

#### 1.4.2 United States Piezo Actuators Status and Prospect (2012-2022)

#### 1.4.3 China Piezo Actuators Status and Prospect (2012-2022)

#### 1.4.4 Europe Piezo Actuators Status and Prospect (2012-2022)

#### 1.4.5 Japan Piezo Actuators Status and Prospect (2012-2022)

#### 1.4.6 Southeast Asia Piezo Actuators Status and Prospect (2012-2022)

#### 1.4.7 India Piezo Actuators Status and Prospect (2012-2022)

### 1.5 Global Market Size (Value and Volume) of Piezo Actuators (2012-2022)

#### 1.5.1 Global Piezo Actuators Sales and Growth Rate (2012-2022)

#### 1.5.2 Global Piezo Actuators Revenue and Growth Rate (2012-2022)

## **2 GLOBAL PIEZO ACTUATORS COMPETITION BY PLAYERS/SUPPLIERS, TYPE AND APPLICATION**

- 2.1 Global Piezo Actuators Market Competition by Players/Suppliers
  - 2.1.1 Global Piezo Actuators Sales and Market Share of Key Players/Suppliers (2012-2017)
  - 2.1.2 Global Piezo Actuators Revenue and Share by Players/Suppliers (2012-2017)
- 2.2 Global Piezo Actuators (Volume and Value) by Type
  - 2.2.1 Global Piezo Actuators Sales and Market Share by Type (2012-2017)
  - 2.2.2 Global Piezo Actuators Revenue and Market Share by Type (2012-2017)
- 2.3 Global Piezo Actuators (Volume and Value) by Region
  - 2.3.1 Global Piezo Actuators Sales and Market Share by Region (2012-2017)
  - 2.3.2 Global Piezo Actuators Revenue and Market Share by Region (2012-2017)
- 2.4 Global Piezo Actuators (Volume) by Application

### **3 UNITED STATES PIEZO ACTUATORS (VOLUME, VALUE AND SALES PRICE)**

- 3.1 United States Piezo Actuators Sales and Value (2012-2017)
  - 3.1.1 United States Piezo Actuators Sales and Growth Rate (2012-2017)
  - 3.1.2 United States Piezo Actuators Revenue and Growth Rate (2012-2017)
  - 3.1.3 United States Piezo Actuators Sales Price Trend (2012-2017)
- 3.2 United States Piezo Actuators Sales Volume and Market Share by Players
- 3.3 United States Piezo Actuators Sales Volume and Market Share by Type
- 3.4 United States Piezo Actuators Sales Volume and Market Share by Application

### **4 CHINA PIEZO ACTUATORS (VOLUME, VALUE AND SALES PRICE)**

- 4.1 China Piezo Actuators Sales and Value (2012-2017)
  - 4.1.1 China Piezo Actuators Sales and Growth Rate (2012-2017)
  - 4.1.2 China Piezo Actuators Revenue and Growth Rate (2012-2017)
  - 4.1.3 China Piezo Actuators Sales Price Trend (2012-2017)
- 4.2 China Piezo Actuators Sales Volume and Market Share by Players
- 4.3 China Piezo Actuators Sales Volume and Market Share by Type
- 4.4 China Piezo Actuators Sales Volume and Market Share by Application

### **5 EUROPE PIEZO ACTUATORS (VOLUME, VALUE AND SALES PRICE)**

- 5.1 Europe Piezo Actuators Sales and Value (2012-2017)
  - 5.1.1 Europe Piezo Actuators Sales and Growth Rate (2012-2017)
  - 5.1.2 Europe Piezo Actuators Revenue and Growth Rate (2012-2017)
  - 5.1.3 Europe Piezo Actuators Sales Price Trend (2012-2017)
- 5.2 Europe Piezo Actuators Sales Volume and Market Share by Players

- 5.3 Europe Piezo Actuators Sales Volume and Market Share by Type
- 5.4 Europe Piezo Actuators Sales Volume and Market Share by Application

## **6 JAPAN PIEZO ACTUATORS (VOLUME, VALUE AND SALES PRICE)**

- 6.1 Japan Piezo Actuators Sales and Value (2012-2017)
  - 6.1.1 Japan Piezo Actuators Sales and Growth Rate (2012-2017)
  - 6.1.2 Japan Piezo Actuators Revenue and Growth Rate (2012-2017)
  - 6.1.3 Japan Piezo Actuators Sales Price Trend (2012-2017)
- 6.2 Japan Piezo Actuators Sales Volume and Market Share by Players
- 6.3 Japan Piezo Actuators Sales Volume and Market Share by Type
- 6.4 Japan Piezo Actuators Sales Volume and Market Share by Application

## **7 SOUTHEAST ASIA PIEZO ACTUATORS (VOLUME, VALUE AND SALES PRICE)**

- 7.1 Southeast Asia Piezo Actuators Sales and Value (2012-2017)
  - 7.1.1 Southeast Asia Piezo Actuators Sales and Growth Rate (2012-2017)
  - 7.1.2 Southeast Asia Piezo Actuators Revenue and Growth Rate (2012-2017)
  - 7.1.3 Southeast Asia Piezo Actuators Sales Price Trend (2012-2017)
- 7.2 Southeast Asia Piezo Actuators Sales Volume and Market Share by Players
- 7.3 Southeast Asia Piezo Actuators Sales Volume and Market Share by Type
- 7.4 Southeast Asia Piezo Actuators Sales Volume and Market Share by Application

## **8 INDIA PIEZO ACTUATORS (VOLUME, VALUE AND SALES PRICE)**

- 8.1 India Piezo Actuators Sales and Value (2012-2017)
  - 8.1.1 India Piezo Actuators Sales and Growth Rate (2012-2017)
  - 8.1.2 India Piezo Actuators Revenue and Growth Rate (2012-2017)
  - 8.1.3 India Piezo Actuators Sales Price Trend (2012-2017)
- 8.2 India Piezo Actuators Sales Volume and Market Share by Players
- 8.3 India Piezo Actuators Sales Volume and Market Share by Type
- 8.4 India Piezo Actuators Sales Volume and Market Share by Application

## **9 GLOBAL PIEZO ACTUATORS PLAYERS/SUPPLIERS PROFILES AND SALES DATA**

- 9.1 Physik Instrumente (PI)
  - 9.1.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.1.2 Piezo Actuators Product Category, Application and Specification

- 9.1.2.1 Product A
- 9.1.2.2 Product B
- 9.1.3 Physik Instrumente (PI) Piezo Actuators Sales, Revenue, Price and Gross Margin (2012-2017)
- 9.1.4 Main Business/Business Overview
- 9.2 Thorlabs
  - 9.2.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.2.2 Piezo Actuators Product Category, Application and Specification
    - 9.2.2.1 Product A
    - 9.2.2.2 Product B
  - 9.2.3 Thorlabs Piezo Actuators Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.2.4 Main Business/Business Overview
- 9.3 Aerotech Inc.
  - 9.3.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.3.2 Piezo Actuators Product Category, Application and Specification
    - 9.3.2.1 Product A
    - 9.3.2.2 Product B
  - 9.3.3 Aerotech Inc. Piezo Actuators Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.3.4 Main Business/Business Overview
- 9.4 Cedrat Technologies
  - 9.4.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.4.2 Piezo Actuators Product Category, Application and Specification
    - 9.4.2.1 Product A
    - 9.4.2.2 Product B
  - 9.4.3 Cedrat Technologies Piezo Actuators Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.4.4 Main Business/Business Overview
- 9.5 Piezosystem Jena
  - 9.5.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.5.2 Piezo Actuators Product Category, Application and Specification
    - 9.5.2.1 Product A
    - 9.5.2.2 Product B
  - 9.5.3 Piezosystem Jena Piezo Actuators Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.5.4 Main Business/Business Overview
- 9.6 PCBMotor
  - 9.6.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.6.2 Piezo Actuators Product Category, Application and Specification

- 9.6.2.1 Product A
- 9.6.2.2 Product B
- 9.6.3 PCBMotor Piezo Actuators Sales, Revenue, Price and Gross Margin (2012-2017)
- 9.6.4 Main Business/Business Overview
- 9.7 Mad City Labs
  - 9.7.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.7.2 Piezo Actuators Product Category, Application and Specification
    - 9.7.2.1 Product A
    - 9.7.2.2 Product B
  - 9.7.3 Mad City Labs Piezo Actuators Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.7.4 Main Business/Business Overview
- 9.8 Kingwei Electronic
  - 9.8.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.8.2 Piezo Actuators Product Category, Application and Specification
    - 9.8.2.1 Product A
    - 9.8.2.2 Product B
  - 9.8.3 Kingwei Electronic Piezo Actuators Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.8.4 Main Business/Business Overview
- 9.9 Mechnics AG
  - 9.9.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.9.2 Piezo Actuators Product Category, Application and Specification
    - 9.9.2.1 Product A
    - 9.9.2.2 Product B
  - 9.9.3 Mechnics AG Piezo Actuators Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.9.4 Main Business/Business Overview
- 9.10 SmarAct GmbH
  - 9.10.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.10.2 Piezo Actuators Product Category, Application and Specification
    - 9.10.2.1 Product A
    - 9.10.2.2 Product B
  - 9.10.3 SmarAct GmbH Piezo Actuators Sales, Revenue, Price and Gross Margin (2012-2017)
  - 9.10.4 Main Business/Business Overview
- 9.11 CeramTec
- 9.12 Dynamic Structures and Materials, LLC (DSM)



## **10 PIEZO ACTUATORS MAUFACTURING COST ANALYSIS**

### 10.1 Piezo Actuators Key Raw Materials Analysis

#### 10.1.1 Key Raw Materials

#### 10.1.2 Price Trend of Key Raw Materials

#### 10.1.3 Key Suppliers of Raw Materials

#### 10.1.4 Market Concentration Rate of Raw Materials

### 10.2 Proportion of Manufacturing Cost Structure

#### 10.2.1 Raw Materials

#### 10.2.2 Labor Cost

#### 10.2.3 Manufacturing Process Analysis of Piezo Actuators

### 10.3 Manufacturing Process Analysis of Piezo Actuators

## **11 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

### 11.1 Piezo Actuators Industrial Chain Analysis

### 11.2 Upstream Raw Materials Sourcing

### 11.3 Raw Materials Sources of Piezo Actuators Major Manufacturers in 2016

### 11.4 Downstream Buyers

## **12 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

### 12.1 Marketing Channel

#### 12.1.1 Direct Marketing

#### 12.1.2 Indirect Marketing

#### 12.1.3 Marketing Channel Development Trend

### 12.2 Market Positioning

#### 12.2.1 Pricing Strategy

#### 12.2.2 Brand Strategy

#### 12.2.3 Target Client

### 12.3 Distributors/Traders List

## **13 MARKET EFFECT FACTORS ANALYSIS**

### 13.1 Technology Progress/Risk

#### 13.1.1 Substitutes Threat

#### 13.1.2 Technology Progress in Related Industry

### 13.2 Consumer Needs/Customer Preference Change

### 13.3 Economic/Political Environmental Change

## **14 GLOBAL PIEZO ACTUATORS MARKET FORECAST (2017-2022)**

### 14.1 Global Piezo Actuators Sales Volume, Revenue and Price Forecast (2017-2022)

#### 14.1.1 Global Piezo Actuators Sales Volume and Growth Rate Forecast (2017-2022)

#### 14.1.2 Global Piezo Actuators Revenue and Growth Rate Forecast (2017-2022)

#### 14.1.3 Global Piezo Actuators Price and Trend Forecast (2017-2022)

### 14.2 Global Piezo Actuators Sales Volume, Revenue and Growth Rate Forecast by Region (2017-2022)

#### 14.2.1 Global Piezo Actuators Sales Volume and Growth Rate Forecast by Regions (2017-2022)

#### 14.2.2 Global Piezo Actuators Revenue and Growth Rate Forecast by Regions (2017-2022)

#### 14.2.3 United States Piezo Actuators Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

#### 14.2.4 China Piezo Actuators Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

#### 14.2.5 Europe Piezo Actuators Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

#### 14.2.6 Japan Piezo Actuators Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

#### 14.2.7 Southeast Asia Piezo Actuators Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

#### 14.2.8 India Piezo Actuators Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

### 14.3 Global Piezo Actuators Sales Volume, Revenue and Price Forecast by Type (2017-2022)

#### 14.3.1 Global Piezo Actuators Sales Forecast by Type (2017-2022)

#### 14.3.2 Global Piezo Actuators Revenue Forecast by Type (2017-2022)

#### 14.3.3 Global Piezo Actuators Price Forecast by Type (2017-2022)

### 14.4 Global Piezo Actuators Sales Volume Forecast by Application (2017-2022)

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

### 16.1 Methodology/Research Approach

#### 16.1.1 Research Programs/Design

- 16.1.2 Market Size Estimation
- 16.1.3 Market Breakdown and Data Triangulation
- 16.2 Data Source
  - 16.2.1 Secondary Sources
  - 16.2.2 Primary Sources
- 16.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Product Picture of Piezo Actuators  
Figure Global Piezo Actuators Sales Volume Comparison (K Units) by Type (2012-2022)  
Figure Global Piezo Actuators Sales Volume Market Share by Type (Product Category) in 2016  
Figure Multilayer Actuators Product Picture  
Figure Stacked Actuators Product Picture  
Figure Shear Actuators Product Picture  
Figure Amplified Actuators Product Picture  
Figure Global Piezo Actuators Sales Comparison (K Units) by Application (2012-2022)  
Figure Global Sales Market Share of Piezo Actuators by Application in 2016  
Figure Optical Instruments Examples  
Table Key Downstream Customer in Optical Instruments  
Figure Electronmagnetic Valve Examples  
Table Key Downstream Customer in Electronmagnetic Valve  
Figure Scientific Instrumentation Examples  
Table Key Downstream Customer in Scientific Instrumentation  
Figure Air & space Examples  
Table Key Downstream Customer in Air & space  
Figure Elcctrics Examples  
Table Key Downstream Customer in Elcctrics  
Figure Other Examples  
Table Key Downstream Customer in Other  
Figure Global Piezo Actuators Market Size (Million USD) by Regions (2012-2022)  
Figure United States Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2022)  
Figure China Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2022)  
Figure Europe Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2022)  
Figure Japan Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2022)  
Figure Southeast Asia Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2022)  
Figure India Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2022)  
Figure Global Piezo Actuators Sales Volume (K Units) and Growth Rate (2012-2022)  
Figure Global Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2022)  
Figure Global Market Major Players Piezo Actuators Sales Volume (K Units)

(2012-2017)

Table Global Piezo Actuators Sales (K Units) of Key Players/Suppliers (2012-2017)

Table Global Piezo Actuators Sales Share by Players/Suppliers (2012-2017)

Figure 2016 Piezo Actuators Sales Share by Players/Suppliers

Figure 2017 Piezo Actuators Sales Share by Players/Suppliers

Figure Global Piezo Actuators Revenue (Million USD) by Players/Suppliers (2012-2017)

Table Global Piezo Actuators Revenue (Million USD) by Players/Suppliers (2012-2017)

Table Global Piezo Actuators Revenue Share by Players/Suppliers (2012-2017)

Table 2016 Global Piezo Actuators Revenue Share by Players

Table 2017 Global Piezo Actuators Revenue Share by Players

Table Global Piezo Actuators Sales (K Units) and Market Share by Type (2012-2017)

Table Global Piezo Actuators Sales Share (K Units) by Type (2012-2017)

Figure Sales Market Share of Piezo Actuators by Type (2012-2017)

Figure Global Piezo Actuators Sales Growth Rate by Type (2012-2017)

Table Global Piezo Actuators Revenue (Million USD) and Market Share by Type (2012-2017)

Table Global Piezo Actuators Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Piezo Actuators by Type (2012-2017)

Figure Global Piezo Actuators Revenue Growth Rate by Type (2012-2017)

Table Global Piezo Actuators Sales Volume (K Units) and Market Share by Region (2012-2017)

Table Global Piezo Actuators Sales Share by Region (2012-2017)

Figure Sales Market Share of Piezo Actuators by Region (2012-2017)

Figure Global Piezo Actuators Sales Growth Rate by Region in 2016

Table Global Piezo Actuators Revenue (Million USD) and Market Share by Region (2012-2017)

Table Global Piezo Actuators Revenue Share (%) by Region (2012-2017)

Figure Revenue Market Share of Piezo Actuators by Region (2012-2017)

Figure Global Piezo Actuators Revenue Growth Rate by Region in 2016

Table Global Piezo Actuators Revenue (Million USD) and Market Share by Region (2012-2017)

Table Global Piezo Actuators Revenue Share (%) by Region (2012-2017)

Figure Revenue Market Share of Piezo Actuators by Region (2012-2017)

Figure Global Piezo Actuators Revenue Market Share by Region in 2016

Table Global Piezo Actuators Sales Volume (K Units) and Market Share by Application (2012-2017)

Table Global Piezo Actuators Sales Share (%) by Application (2012-2017)

Figure Sales Market Share of Piezo Actuators by Application (2012-2017)

Figure Global Piezo Actuators Sales Market Share by Application (2012-2017)

Figure United States Piezo Actuators Sales (K Units) and Growth Rate (2012-2017)

Figure United States Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2017)

Figure United States Piezo Actuators Sales Price (USD/Unit) Trend (2012-2017)

Table United States Piezo Actuators Sales Volume (K Units) by Players (2012-2017)

Table United States Piezo Actuators Sales Volume Market Share by Players (2012-2017)

Figure United States Piezo Actuators Sales Volume Market Share by Players in 2016

Table United States Piezo Actuators Sales Volume (K Units) by Type (2012-2017)

Table United States Piezo Actuators Sales Volume Market Share by Type (2012-2017)

Figure United States Piezo Actuators Sales Volume Market Share by Type in 2016

Table United States Piezo Actuators Sales Volume (K Units) by Application (2012-2017)

Table United States Piezo Actuators Sales Volume Market Share by Application (2012-2017)

Figure United States Piezo Actuators Sales Volume Market Share by Application in 2016

Figure China Piezo Actuators Sales (K Units) and Growth Rate (2012-2017)

Figure China Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2017)

Figure China Piezo Actuators Sales Price (USD/Unit) Trend (2012-2017)

Table China Piezo Actuators Sales Volume (K Units) by Players (2012-2017)

Table China Piezo Actuators Sales Volume Market Share by Players (2012-2017)

Figure China Piezo Actuators Sales Volume Market Share by Players in 2016

Table China Piezo Actuators Sales Volume (K Units) by Type (2012-2017)

Table China Piezo Actuators Sales Volume Market Share by Type (2012-2017)

Figure China Piezo Actuators Sales Volume Market Share by Type in 2016

Table China Piezo Actuators Sales Volume (K Units) by Application (2012-2017)

Table China Piezo Actuators Sales Volume Market Share by Application (2012-2017)

Figure China Piezo Actuators Sales Volume Market Share by Application in 2016

Figure Europe Piezo Actuators Sales (K Units) and Growth Rate (2012-2017)

Figure Europe Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2017)

Figure Europe Piezo Actuators Sales Price (USD/Unit) Trend (2012-2017)

Table Europe Piezo Actuators Sales Volume (K Units) by Players (2012-2017)

Table Europe Piezo Actuators Sales Volume Market Share by Players (2012-2017)

Figure Europe Piezo Actuators Sales Volume Market Share by Players in 2016

Table Europe Piezo Actuators Sales Volume (K Units) by Type (2012-2017)

Table Europe Piezo Actuators Sales Volume Market Share by Type (2012-2017)

Figure Europe Piezo Actuators Sales Volume Market Share by Type in 2016

Table Europe Piezo Actuators Sales Volume (K Units) by Application (2012-2017)

Table Europe Piezo Actuators Sales Volume Market Share by Application (2012-2017)



Figure Europe Piezo Actuators Sales Volume Market Share by Application in 2016

Figure Japan Piezo Actuators Sales (K Units) and Growth Rate (2012-2017)

Figure Japan Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2017)

Figure Japan Piezo Actuators Sales Price (USD/Unit) Trend (2012-2017)

Table Japan Piezo Actuators Sales Volume (K Units) by Players (2012-2017)

Table Japan Piezo Actuators Sales Volume Market Share by Players (2012-2017)

Figure Japan Piezo Actuators Sales Volume Market Share by Players in 2016

Table Japan Piezo Actuators Sales Volume (K Units) by Type (2012-2017)

Table Japan Piezo Actuators Sales Volume Market Share by Type (2012-2017)

Figure Japan Piezo Actuators Sales Volume Market Share by Type in 2016

Table Japan Piezo Actuators Sales Volume (K Units) by Application (2012-2017)

Table Japan Piezo Actuators Sales Volume Market Share by Application (2012-2017)

Figure Japan Piezo Actuators Sales Volume Market Share by Application in 2016

Figure Southeast Asia Piezo Actuators Sales (K Units) and Growth Rate (2012-2017)

Figure Southeast Asia Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2017)

Figure Southeast Asia Piezo Actuators Sales Price (USD/Unit) Trend (2012-2017)

Table Southeast Asia Piezo Actuators Sales Volume (K Units) by Players (2012-2017)

Table Southeast Asia Piezo Actuators Sales Volume Market Share by Players (2012-2017)

Figure Southeast Asia Piezo Actuators Sales Volume Market Share by Players in 2016

Table Southeast Asia Piezo Actuators Sales Volume (K Units) by Type (2012-2017)

Table Southeast Asia Piezo Actuators Sales Volume Market Share by Type (2012-2017)

Figure Southeast Asia Piezo Actuators Sales Volume Market Share by Type in 2016

Table Southeast Asia Piezo Actuators Sales Volume (K Units) by Application (2012-2017)

Table Southeast Asia Piezo Actuators Sales Volume Market Share by Application (2012-2017)

Figure Southeast Asia Piezo Actuators Sales Volume Market Share by Application in 2016

Figure India Piezo Actuators Sales (K Units) and Growth Rate (2012-2017)

Figure India Piezo Actuators Revenue (Million USD) and Growth Rate (2012-2017)

Figure India Piezo Actuators Sales Price (USD/Unit) Trend (2012-2017)

Table India Piezo Actuators Sales Volume (K Units) by Players (2012-2017)

Table India Piezo Actuators Sales Volume Market Share by Players (2012-2017)

Figure India Piezo Actuators Sales Volume Market Share by Players in 2016

Table India Piezo Actuators Sales Volume (K Units) by Type (2012-2017)

Table India Piezo Actuators Sales Volume Market Share by Type (2012-2017)

Figure India Piezo Actuators Sales Volume Market Share by Type in 2016  
Table India Piezo Actuators Sales Volume (K Units) by Application (2012-2017)  
Table India Piezo Actuators Sales Volume Market Share by Application (2012-2017)  
Figure India Piezo Actuators Sales Volume Market Share by Application in 2016  
Table Physik Instrumente (PI) Basic Information List  
Table Physik Instrumente (PI) Piezo Actuators Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Physik Instrumente (PI) Piezo Actuators Sales Growth Rate (2012-2017)  
Figure Physik Instrumente (PI) Piezo Actuators Sales Global Market Share (2012-2017)  
Figure Physik Instrumente (PI) Piezo Actuators Revenue Global Market Share (2012-2017)  
Table Thorlabs Basic Information List  
Table Thorlabs Piezo Actuators Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Thorlabs Piezo Actuators Sales Growth Rate (2012-2017)  
Figure Thorlabs Piezo Actuators Sales Global Market Share (2012-2017)  
Figure Thorlabs Piezo Actuators Revenue Global Market Share (2012-2017)  
Table Aerotech Inc. Basic Information List  
Table Aerotech Inc. Piezo Actuators Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Aerotech Inc. Piezo Actuators Sales Growth Rate (2012-2017)  
Figure Aerotech Inc. Piezo Actuators Sales Global Market Share (2012-2017)  
Figure Aerotech Inc. Piezo Actuators Revenue Global Market Share (2012-2017)  
Table Cedrat Technologies Basic Information List  
Table Cedrat Technologies Piezo Actuators Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Cedrat Technologies Piezo Actuators Sales Growth Rate (2012-2017)  
Figure Cedrat Technologies Piezo Actuators Sales Global Market Share (2012-2017)  
Figure Cedrat Technologies Piezo Actuators Revenue Global Market Share (2012-2017)  
Table Piezosystem Jena Basic Information List  
Table Piezosystem Jena Piezo Actuators Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Piezosystem Jena Piezo Actuators Sales Growth Rate (2012-2017)  
Figure Piezosystem Jena Piezo Actuators Sales Global Market Share (2012-2017)  
Figure Piezosystem Jena Piezo Actuators Revenue Global Market Share (2012-2017)  
Table PCBMotor Basic Information List  
Table PCBMotor Piezo Actuators Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)



Figure PCBMotor Piezo Actuators Sales Growth Rate (2012-2017)  
Figure PCBMotor Piezo Actuators Sales Global Market Share (2012-2017)  
Figure PCBMotor Piezo Actuators Revenue Global Market Share (2012-2017)  
Table Mad City Labs Basic Information List  
Table Mad City Labs Piezo Actuators Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Mad City Labs Piezo Actuators Sales Growth Rate (2012-2017)  
Figure Mad City Labs Piezo Actuators Sales Global Market Share (2012-2017)  
Figure Mad City Labs Piezo Actuators Revenue Global Market Share (2012-2017)  
Table Kingwei Electronic Basic Information List  
Table Kingwei Electronic Piezo Actuators Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Kingwei Electronic Piezo Actuators Sales Growth Rate (2012-2017)  
Figure Kingwei Electronic Piezo Actuators Sales Global Market Share (2012-2017)  
Figure Kingwei Electronic Piezo Actuators Revenue Global Market Share (2012-2017)  
Table Mechonics AG Basic Information List  
Table Mechonics AG Piezo Actuators Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Mechonics AG Piezo Actuators Sales Growth Rate (2012-2017)  
Figure Mechonics AG Piezo Actuators Sales Global Market Share (2012-2017)  
Figure Mechonics AG Piezo Actuators Revenue Global Market Share (2012-2017)  
Table SmarAct GmbH Basic Information List  
Table SmarAct GmbH Piezo Actuators Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure SmarAct GmbH Piezo Actuators Sales Growth Rate (2012-2017)  
Figure SmarAct GmbH Piezo Actuators Sales Global Market Share (2012-2017)  
Figure SmarAct GmbH Piezo Actuators Revenue Global Market Share (2012-2017)  
Table CeramTec Basic Information List  
Table Dynamic Structures and Materials, LLC (DSM) Basic Information List  
Table Production Base and Market Concentration Rate of Raw Material  
Figure Price Trend of Key Raw Materials  
Table Key Suppliers of Raw Materials  
Figure Manufacturing Cost Structure of Piezo Actuators  
Figure Manufacturing Process Analysis of Piezo Actuators  
Figure Piezo Actuators Industrial Chain Analysis  
Table Raw Materials Sources of Piezo Actuators Major Players in 2016  
Table Major Buyers of Piezo Actuators  
Table Distributors/Traders List  
Figure Global Piezo Actuators Sales Volume (K Units) and Growth Rate Forecast

(2017-2022)

Figure Global Piezo Actuators Revenue (Million USD) and Growth Rate Forecast

(2017-2022)

Figure Global Piezo Actuators Price (USD/Unit) and Trend Forecast (2017-2022)

Table Global Piezo Actuators Sales Volume (K Units) Forecast by Regions (2017-2022)

Figure Global Piezo Actuators Sales Volume Market Share Forecast by Regions

(2017-2022)

Figure Global Piezo Actuators Sales Volume Market Share Forecast by Regions in 2022

Table Global Piezo Actuators Revenue (Million USD) Forecast by Regions (2017-2022)

Figure Global Piezo Actuators Revenue Market Share Forecast by Regions

(2017-2022)

Figure Global Piezo Actuators Revenue Market Share Forecast by Regions in 2022

Figure United States Piezo Actuators Sales Volume (K Units) and Growth Rate

Forecast (2017-2022)

Figure United States Piezo Actuators Revenue (Million USD) and Growth Rate Forecast

(2017-2022)

Figure China Piezo Actuators Sales Volume (K Units) and Growth Rate Forecast

(2017-2022)

Figure China Piezo Actuators Revenue and Growth Rate Forecast (2017-2022)

Figure Europe Piezo Actuators Sales Volume (K Units) and Growth Rate Forecast

(2017-2022)

Figure Europe Piezo Actuators Revenue (Million USD) and Growth Rate Forecast

(2017-2022)

Figure Japan Piezo Actuators Sales Volume (K Units) and Growth Rate Forecast

(2017-2022)

Figure Japan Piezo Actuators Revenue (Million USD) and Growth Rate Forecast

(2017-2022)

Figure Southeast Asia Piezo Actuators Sales Volume (K Units) and Growth Rate

Forecast (2017-2022)

Figure Southeast Asia Piezo Actuators Revenue (Million USD) and Growth Rate

Forecast (2017-2022)

Figure India Piezo Actuators Sales Volume (K Units) and Growth Rate Forecast

(2017-2022)

Figure India Piezo Actuators Revenue (Million USD) and Growth Rate Forecast

(2017-2022)

Table Global Piezo Actuators Sales (K Units) Forecast by Type (2017-2022)

Figure Global Piezo Actuators Sales Volume Market Share Forecast by Type

(2017-2022)

Table Global Piezo Actuators Revenue (Million USD) Forecast by Type (2017-2022)  
Figure Global Piezo Actuators Revenue Market Share Forecast by Type (2017-2022)  
Table Global Piezo Actuators Price (USD/Unit) Forecast by Type (2017-2022)  
Table Global Piezo Actuators Sales (K Units) Forecast by Application (2017-2022)  
Figure Global Piezo Actuators Sales Market Share Forecast by Application (2017-2022)  
Table Research Programs/Design for This Report  
Figure Bottom-up and Top-down Approaches for This Report  
Figure Data Triangulation  
Table Key Data Information from Secondary Sources  
Table Key Data Information from Primary Sources

## I would like to order

Product name: Global Piezo Actuators Sales Market Report 2017

Product link: <https://marketpublishers.com/r/G1DC632E61EWEN.html>

Price: US\$ 4,000.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1DC632E61EWEN.html>

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**

Customer signature \_\_\_\_\_

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

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