

Global Micro Piezoelectric Pump 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 Micro Piezoelectric Pump market size was valued at US\$ 125 million in 2023 and is forecast to a readjusted size of USD 171 million by 2030 with a CAGR of 3.9% during review period.

The micro piezoelectric pump is a new type of micro pump that uses the inverse piezoelectric effect of piezoelectric ceramics to achieve fluid drive. It does not require a traditional motor drive, but applies voltage to the piezoelectric ceramic to cause it to deform slightly, thereby driving the fluid through the pump chamber. The micro piezoelectric pump consists of a piezoelectric vibrator, a pump valve and a pump body. When AC power is applied to both ends of the piezoelectric vibrator, the piezoelectric vibrator compresses or elongates radially under the action of the electric field, causing the volume of the pump cavity to change, thereby realizing fluid transportation and is suitable for occasions requiring high-precision control.

This report is a detailed and comprehensive analysis for global Micro Piezoelectric Pump market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Micro Piezoelectric Pump market size and forecasts, in consumption value (\$

Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global Micro Piezoelectric Pump market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global Micro Piezoelectric Pump market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global Micro Piezoelectric Pump market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Micro Piezoelectric Pump

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Micro Piezoelectric Pump market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Murata Manufacturing, Microjet Technology, Maxclever Elec, Audiowell Electronics, TTP Ventus, PiezoData Inc., Hisener Industrial, Bartels Mirkrotechnik, Realmagic, Dihuida, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Micro Piezoelectric Pump 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. This

analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Electrostatic Micropump

Thermopneumatic Micropump

Diaphragm Micropump

Jet Pump

Market segment by Application

Medicine

Chemical Industry

Manufacturing

Others

Major players covered

Murata Manufacturing

Microjet Technology

Maxclever Elec

Audiowell Electronics

TTP Ventus

PiezoData Inc.

Hisener Industrial

Bartels Mirkrotechnik

Realmagic

Dihuida

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 Micro Piezoelectric Pump product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Micro Piezoelectric Pump, with price, sales quantity, revenue, and global market share of Micro Piezoelectric Pump from 2019 to 2024.

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

Chapter 4, the Micro Piezoelectric Pump 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 by Application, with sales market

share and growth rate by Type, by 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 2019 to 2024. and Micro Piezoelectric Pump market forecast, by regions, by Type, and by 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 Micro Piezoelectric Pump.

Chapter 14 and 15, to describe Micro Piezoelectric Pump sales channel, distributors, customers, research findings and conclusion.

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