

Microelectromechanical Systems (MEMS) in Global Medical Markets

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Abstracts

Report Scope:

The current version provides an overview of the global market for MEMS medical devices. This report analyzes the market trends associated with MEMS devices using data from 2020, 2021, the base year data for 2022, estimated from 2023, with projections of compound annual growth rates (CAGRs) through 2028. The report will analyze the current market drivers, restraints, and opportunities, as well as market projections for 2028.

The products covered in this report include sensors (pressure, inertial, optical, magnetic, temperature and other sensors), drug delivery systems (inhalers/nebulizers, microneedles and micropumps), and microfluidic and lab-on-a-chip devices (clinical in vitro diagnostic, point-of-care, medical research, and analytical devices). Applications covered include in vitro diagnostics, medical devices, pharmaceutical and life sciences research, and home healthcare. The market has been segmented into four regions: North America, Europe, Asia-Pacific, and Rest of the World (RoW). For market estimates, 2022 serves as the base year; forecasts are given for 2023 through 2028.

Report Includes:

56 data tables and 28 additional tables

An overview of the global markets for microelectromechanical systems (MEMS) in the medical industry

Analyses of the global market trends, with historical market revenue data (sales

figures) from 2020 to 2022, estimates for 2023, and projections of compound annual growth rates (CAGRs) through 2028

Estimate of the current market size and revenue forecast for MEMS devices in global medical markets, and a corresponding market share analysis based on product, application and region

Facts and figures pertaining to the market drivers, opportunities and challenges, emerging technologies and future prospects

Discussion of sustainability trends and ESG trends in the global market, with emphasis on consumer attitudes, ESG score analysis, case studies and the ESG practices of leading companies

Review of patents on MEMS devices in the medical industry

An analysis of the industry structure, including company market shares, recent M&A activity and venture funding.

Competitive intelligence related to leading companies, their global rankings, recent developments, key financials and segmental revenues, and product portfolios

Profiles of the leading market players, including TE Connectivity, Honeywell International Inc., STMicroelectronics, Teledyne Dalsa, and Silex Microsystems

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