

Australia Microfluidics Market By Product Type (Microfluidic Based Devices v/s Microfluidic Components), By Material (Glass, Silicon, Polymers, Others), By Application (In-vitro Diagnostics, Pharmaceutical & Life Science Research & Manufacturing, Therapeutics), By End User (Hospitals & Diagnostic Centers, Academic & Research Institutes, Pharmaceutical & Biotechnology Companies), By Region, Competition, Forecast & Opportunities, 2028

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Abstracts

Australia microfluidics market is anticipated to undergo significant growth during the forecast period 2024-2028. The rising penetration of microfluidics devices in numerous fields of research and diagnosis, along with the rising incidence of chronic diseases, is expected to facilitate the growth of the market. For instance, in 2022, the University of Technology Sydney (UTS), Australia developed a 3D printed system for harvesting stem cells from bioreactors. The technology uses 3D printing and microfluidics to integrate several production steps into one device that can help make stem cell therapies more widely available to patients at a lower cost. The well-established healthcare system and better reimbursement policies in the country are bolstering the growth of the market. Besides, the other factors which are supporting the growth are the evolution of advanced lab-on-a-chip technologies, growing demand for point-of-care testing, and adoption of high-throughput screening methodologies.

Microfluids are widely used in DNA analysis, cell patterning, and separation &

manipulation of cells. They are also used in research for the study of antibiotic-drug-resistant bacteria. Furthermore, the wide application of microfluidics in tissue engineering, pathogen detection in humans/animals, and point-of-care analysis are expected to act as major growth drivers for Australia microfluidics market.

Australia microfluidics market is segmented into product type, material, application, end-user, and region. Based on application, the market is categorized into in vitro diagnostics, pharmaceutical & life science research & manufacturing, and therapeutics. Among them, the in vitro diagnostics segment is expected to dominate the market during the forecast period. This is attributed to the high demand for point-of-care testing in Australia. Also, the rising occurrences of target diseases, along with increasing demand for PoC testing, are anticipated to augment the growth of the market in the upcoming years.

Major companies operating in Australia microfluidics market include MTPConnect, SCHOTT AG, Microfluidics Biomedical Pty. Ltd., SDR Scientific Pty Ltd, WHITE RABBIT SCIENTIFIC LIMITED, Australian National Fabrication Facility, AI Fluidics PTY LTD, Merck Pty. Ltd., and Thermo Fisher Scientific Inc. Leading companies are adopting growth strategies like new product launches and mergers & acquisitions to enhance their market presence.

The objective of the Study:

To analyze and forecast the market size of Australia microfluidics market.

To forecast Australia microfluidics market based on component type, material, application, sector, end user, company, and regional distribution.

To identify drivers and challenges for Australia microfluidics market.

To examine competitive developments such as expansions, new product launches, mergers & acquisitions, etc. in Australia microfluidics market.

To identify and analyze the profile of leading players operating in the Australia microfluidics market.

TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of microfluidic manufacturing

companies across Australia. Subsequently, TechSci Research conducted primary research surveys with the identified companies. While interviewing, the respondents also enquired about their competitors. Through this technique, TechSci Research could include the companies which could not be identified due to the limitations of secondary research.

TechSci Research calculated Australia microfluidics market size using a bottom-up approach, where data for various end-user industries and their application across various product types were recorded and forecast for the future years. TechSci Research sourced these values from industry experts and company representatives and externally validated them by analyzing historical data of these product types and applications for getting an appropriate overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations, and financial reports were also used by TechSci Research.

Key Target Audience:

Microfluidic manufacturers, companies, partners, and other stakeholders

Government bodies such as regulating authorities and policymakers

Organizations, industry associations, forums, and alliances related to microfluidics

Market research and consulting firms

The study is useful in providing answers to several critical questions that are important for the industry stakeholders, such as microfluidic manufacturing companies, end users, etc., besides allowing them to strategize investments and capitalize on market opportunities.

Report Scope:

In this report, Australia microfluidics market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

Australia Microfluidics Market, By Product Type:

Microfluidic Based Devices

Microfluidic Components

Australia Microfluidics Market, By Material:

Glass

Silicon

Polymers

Others

Australia Microfluidics Market, By Application:

In Vitro diagnostics

Pharmaceutical & Life Science Research & Manufacturing

Therapeutics

Australia Microfluidics Market, By End User:

Hospitals & Diagnostic Centers

Academic & Research Institutes

Pharmaceutical & Biotechnology Companies

Australia Microfluidics Market, By Region:

New South Wales

Victoria

Queensland

Western Australia

South Australia

Tasmania

Northern Territory

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Australia microfluidics market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Profit Margin Analysis

Profit margin analysis in the case of direct and indirect sales channels.

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. AUSTRALIA MICROFLUIDICS MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Product Type (Microfluidic Based Devices v/s Microfluidic Components)
 - 5.2.2. By Material (Glass, Silicon, Polymers, Others)
 - 5.2.3. By Application (In-vitro Diagnostics, Pharmaceutical & Life Science Research & Manufacturing, Therapeutics)

5.2.4. By End User (Hospitals & Diagnostic Centers, Academic & Research Institutes, Pharmaceutical & Biotechnology Companies)

5.2.5. By Region

5.2.6. By Company (2022)

5.3. Market Map

5.3.1. By Product Type

5.3.2. By Material

5.3.3. By Application

5.3.4. By End User

5.3.5. By Region

6. AUSTRALIA MICROFLUIDIC BASED DEVICES MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Material

6.2.2. By Application

6.2.3. By End User

7. AUSTRALIA MICROFLUIDIC COMPONENTS MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Material

7.2.2. By Application

7.2.3. By End User

8. MARKET DYNAMICS

8.1. Drivers

8.2. Challenges

9. MARKET TRENDS & DEVELOPMENTS

10. POLICY & REGULATORY LANDSCAPE

11. AUSTRALIA ECONOMIC PROFILE

12. COMPETITIVE LANDSCAPE

- 12.1. Business Overview
- 12.2. Product Offerings
- 12.3. Recent Developments
- 12.4. Financials (As Reported)
- 12.5. Key Personnel
- 12.6. SWOT Analysis
 - 12.6.1. MTPConnect
 - 12.6.2. SCHOTT AG
 - 12.6.3. Microfluidics Biomedical Pty. Ltd.
 - 12.6.4. SDR Scientific Pty Ltd
 - 12.6.5. WHITE RABBIT SCIENTIFIC LIMITED
 - 12.6.6. Australian National Fabrication Facility
 - 12.6.7. AI Fluidics PTY LTD
 - 12.6.8. Merck Pty. Ltd.
 - 12.6.9. Thermo Fisher Scientific Inc.

13. STRATEGIC RECOMMENDATIONS

(Note: The companies list can be customized based on the client requirements.)

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