

# Global Liquid-Cooled Micropump Market Research Report 2026(Status and Outlook)

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## Abstracts

The piezoelectric liquid-cooled micropump is a micropump that uses the inverse piezoelectric effect of piezoelectric ceramics to drive fluid. It is widely used in liquid cooling systems. This micropump has the advantages of small size, low power consumption, and no noise. It can effectively take away the heat generated during the operation of the equipment, thereby maintaining the stable operation of the equipment. Usually used in devices that require efficient heat dissipation, such as high-performance computers, smartphones, or wearable devices.

The global Liquid-Cooled Micropump market size was estimated at USD 452.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 6.00% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Liquid-Cooled Micropump market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Liquid-Cooled Micropump market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This

enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Liquid-Cooled Micropump market.

## **Global Liquid-Cooled Micropump Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

Boreas Technologies  
Bestar Holding  
Ruimeng Semiconductor  
BARTELS  
Nippon Keiki Works  
Takasago Electric  
Blacktrace Holdings  
PiezoData  
TTP Ventus  
Sandur Group  
PI Ceramic  
Microjet Technology  
NITTO KOHKI  
Bartels Mikrotechnik

### **Market Segmentation (by Type)**

Diaphragm Type

Valveless

Valve Type

Rotary

Others

### **Market Segmentation (by Application)**

Smartphone

Data Center

Computer

Others

### **Geographic Segmentation**

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

### **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Liquid-Cooled Micropump Market

Overview of the regional outlook of the Liquid-Cooled Micropump Market:

## Customization of the Report

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## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Liquid-Cooled Micropump Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Liquid-Cooled Micropump, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each

region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

## **Customization of the Report**

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## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Liquid-Cooled Micropump
- 1.2 Key Market Segments
  - 1.2.1 Liquid-Cooled Micropump Segment by Type
  - 1.2.2 Liquid-Cooled Micropump Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 LIQUID-COOLED MICROPUMP MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Liquid-Cooled Micropump Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Liquid-Cooled Micropump Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 LIQUID-COOLED MICROPUMP MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Liquid-Cooled Micropump Product Life Cycle
- 3.3 Global Liquid-Cooled Micropump Sales by Manufacturers (2020-2025)
- 3.4 Global Liquid-Cooled Micropump Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Liquid-Cooled Micropump Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Liquid-Cooled Micropump Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Liquid-Cooled Micropump Market Competitive Situation and Trends
  - 3.8.1 Liquid-Cooled Micropump Market Concentration Rate
  - 3.8.2 Global 5 and 10 Largest Liquid-Cooled Micropump Players Market Share by Revenue

### 3.8.3 Mergers & Acquisitions, Expansion

## **4 LIQUID-COOLED MICROPUMP INDUSTRY CHAIN ANALYSIS**

### 4.1 Liquid-Cooled Micropump Industry Chain Analysis

### 4.2 Market Overview of Key Raw Materials

### 4.3 Midstream Market Analysis

### 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF LIQUID-COOLED MICROPUMP MARKET**

### 5.1 Key Development Trends

### 5.2 Driving Factors

### 5.3 Market Challenges

### 5.4 Industry News

#### 5.4.1 New Product Developments

#### 5.4.2 Mergers & Acquisitions

#### 5.4.3 Expansions

#### 5.4.4 Collaboration/Supply Contracts

### 5.5 PEST Analysis

#### 5.5.1 Industry Policies Analysis

#### 5.5.2 Economic Environment Analysis

#### 5.5.3 Social Environment Analysis

#### 5.5.4 Technological Environment Analysis

### 5.6 Global Liquid-Cooled Micropump Market Porter's Five Forces Analysis

#### 5.6.1 Global Trade Frictions

#### 5.6.2 U.S. Tariff Policy ? April 2025

#### 5.6.3 Global Trade Frictions and Their Impacts to Liquid-Cooled Micropump Market

### 5.7 ESG Ratings of Leading Companies

## **6 LIQUID-COOLED MICROPUMP MARKET SEGMENTATION BY TYPE**

### 6.1 Evaluation Matrix of Segment Market Development Potential (Type)

### 6.2 Global Liquid-Cooled Micropump Sales Market Share by Type (2020-2025)

### 6.3 Global Liquid-Cooled Micropump Market Size by Type (2020-2025)

### 6.4 Global Liquid-Cooled Micropump Price by Type (2020-2025)

## **7 LIQUID-COOLED MICROPUMP MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Liquid-Cooled Micropump Market Sales by Application (2020-2025)
- 7.3 Global Liquid-Cooled Micropump Market Size (M USD) by Application (2020-2025)
- 7.4 Global Liquid-Cooled Micropump Sales Growth Rate by Application (2020-2025)

## **8 LIQUID-COOLED MICROPUMP MARKET SALES BY REGION**

- 8.1 Global Liquid-Cooled Micropump Sales by Region
  - 8.1.1 Global Liquid-Cooled Micropump Sales by Region
  - 8.1.2 Global Liquid-Cooled Micropump Sales Market Share by Region
- 8.2 Global Liquid-Cooled Micropump Market Size by Region
  - 8.2.1 Global Liquid-Cooled Micropump Market Size by Region
  - 8.2.2 Global Liquid-Cooled Micropump Market Size by Region
- 8.3 North America
  - 8.3.1 North America Liquid-Cooled Micropump Sales by Country
  - 8.3.2 North America Liquid-Cooled Micropump Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview
- 8.4 Europe
  - 8.4.1 Europe Liquid-Cooled Micropump Sales by Country
  - 8.4.2 Europe Liquid-Cooled Micropump Market Size by Country
  - 8.4.3 Germany Market Overview
  - 8.4.4 France Market Overview
  - 8.4.5 U.K. Market Overview
  - 8.4.6 Italy Market Overview
  - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
  - 8.5.1 Asia Pacific Liquid-Cooled Micropump Sales by Region
  - 8.5.2 Asia Pacific Liquid-Cooled Micropump Market Size by Region
  - 8.5.3 China Market Overview
  - 8.5.4 Japan Market Overview
  - 8.5.5 South Korea Market Overview
  - 8.5.6 India Market Overview
  - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
  - 8.6.1 South America Liquid-Cooled Micropump Sales by Country
  - 8.6.2 South America Liquid-Cooled Micropump Market Size by Country

- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
  - 8.7.1 Middle East and Africa Liquid-Cooled Micropump Sales by Region
  - 8.7.2 Middle East and Africa Liquid-Cooled Micropump Market Size by Region
  - 8.7.3 Saudi Arabia Market Overview
  - 8.7.4 UAE Market Overview
  - 8.7.5 Egypt Market Overview
  - 8.7.6 Nigeria Market Overview
  - 8.7.7 South Africa Market Overview

## **9 LIQUID-COOLED MICROPUMP MARKET PRODUCTION BY REGION**

- 9.1 Global Production of Liquid-Cooled Micropump by Region(2020-2025)
- 9.2 Global Liquid-Cooled Micropump Revenue Market Share by Region (2020-2025)
- 9.3 Global Liquid-Cooled Micropump Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Liquid-Cooled Micropump Production
  - 9.4.1 North America Liquid-Cooled Micropump Production Growth Rate (2020-2025)
  - 9.4.2 North America Liquid-Cooled Micropump Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Liquid-Cooled Micropump Production
  - 9.5.1 Europe Liquid-Cooled Micropump Production Growth Rate (2020-2025)
  - 9.5.2 Europe Liquid-Cooled Micropump Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Liquid-Cooled Micropump Production (2020-2025)
  - 9.6.1 Japan Liquid-Cooled Micropump Production Growth Rate (2020-2025)
  - 9.6.2 Japan Liquid-Cooled Micropump Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Liquid-Cooled Micropump Production (2020-2025)
  - 9.7.1 China Liquid-Cooled Micropump Production Growth Rate (2020-2025)
  - 9.7.2 China Liquid-Cooled Micropump Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

- 10.1 Boreas Technologies
  - 10.1.1 Boreas Technologies Basic Information

- 10.1.2 Boreas Technologies Liquid-Cooled Micropump Product Overview
- 10.1.3 Boreas Technologies Liquid-Cooled Micropump Product Market Performance
- 10.1.4 Boreas Technologies Business Overview
- 10.1.5 Boreas Technologies SWOT Analysis
- 10.1.6 Boreas Technologies Recent Developments
- 10.2 Bestar Holding
  - 10.2.1 Bestar Holding Basic Information
  - 10.2.2 Bestar Holding Liquid-Cooled Micropump Product Overview
  - 10.2.3 Bestar Holding Liquid-Cooled Micropump Product Market Performance
  - 10.2.4 Bestar Holding Business Overview
  - 10.2.5 Bestar Holding SWOT Analysis
  - 10.2.6 Bestar Holding Recent Developments
- 10.3 Ruimeng Semiconductor
  - 10.3.1 Ruimeng Semiconductor Basic Information
  - 10.3.2 Ruimeng Semiconductor Liquid-Cooled Micropump Product Overview
  - 10.3.3 Ruimeng Semiconductor Liquid-Cooled Micropump Product Market Performance
  - 10.3.4 Ruimeng Semiconductor Business Overview
  - 10.3.5 Ruimeng Semiconductor SWOT Analysis
  - 10.3.6 Ruimeng Semiconductor Recent Developments
- 10.4 BARTELS
  - 10.4.1 BARTELS Basic Information
  - 10.4.2 BARTELS Liquid-Cooled Micropump Product Overview
  - 10.4.3 BARTELS Liquid-Cooled Micropump Product Market Performance
  - 10.4.4 BARTELS Business Overview
  - 10.4.5 BARTELS Recent Developments
- 10.5 Nippon Keiki Works
  - 10.5.1 Nippon Keiki Works Basic Information
  - 10.5.2 Nippon Keiki Works Liquid-Cooled Micropump Product Overview
  - 10.5.3 Nippon Keiki Works Liquid-Cooled Micropump Product Market Performance
  - 10.5.4 Nippon Keiki Works Business Overview
  - 10.5.5 Nippon Keiki Works Recent Developments
- 10.6 Takasago Electric
  - 10.6.1 Takasago Electric Basic Information
  - 10.6.2 Takasago Electric Liquid-Cooled Micropump Product Overview
  - 10.6.3 Takasago Electric Liquid-Cooled Micropump Product Market Performance
  - 10.6.4 Takasago Electric Business Overview
  - 10.6.5 Takasago Electric Recent Developments
- 10.7 Blacktrace Holdings

- 10.7.1 Blacktrace Holdings Basic Information
- 10.7.2 Blacktrace Holdings Liquid-Cooled Micropump Product Overview
- 10.7.3 Blacktrace Holdings Liquid-Cooled Micropump Product Market Performance
- 10.7.4 Blacktrace Holdings Business Overview
- 10.7.5 Blacktrace Holdings Recent Developments
- 10.8 PiezoData
  - 10.8.1 PiezoData Basic Information
  - 10.8.2 PiezoData Liquid-Cooled Micropump Product Overview
  - 10.8.3 PiezoData Liquid-Cooled Micropump Product Market Performance
  - 10.8.4 PiezoData Business Overview
  - 10.8.5 PiezoData Recent Developments
- 10.9 TTP Ventus
  - 10.9.1 TTP Ventus Basic Information
  - 10.9.2 TTP Ventus Liquid-Cooled Micropump Product Overview
  - 10.9.3 TTP Ventus Liquid-Cooled Micropump Product Market Performance
  - 10.9.4 TTP Ventus Business Overview
  - 10.9.5 TTP Ventus Recent Developments
- 10.10 Sandur Group
  - 10.10.1 Sandur Group Basic Information
  - 10.10.2 Sandur Group Liquid-Cooled Micropump Product Overview
  - 10.10.3 Sandur Group Liquid-Cooled Micropump Product Market Performance
  - 10.10.4 Sandur Group Business Overview
  - 10.10.5 Sandur Group Recent Developments
- 10.11 PI Ceramic
  - 10.11.1 PI Ceramic Basic Information
  - 10.11.2 PI Ceramic Liquid-Cooled Micropump Product Overview
  - 10.11.3 PI Ceramic Liquid-Cooled Micropump Product Market Performance
  - 10.11.4 PI Ceramic Business Overview
  - 10.11.5 PI Ceramic Recent Developments
- 10.12 Microjet Technology
  - 10.12.1 Microjet Technology Basic Information
  - 10.12.2 Microjet Technology Liquid-Cooled Micropump Product Overview
  - 10.12.3 Microjet Technology Liquid-Cooled Micropump Product Market Performance
  - 10.12.4 Microjet Technology Business Overview
  - 10.12.5 Microjet Technology Recent Developments
- 10.13 NITTO KOHKI
  - 10.13.1 NITTO KOHKI Basic Information
  - 10.13.2 NITTO KOHKI Liquid-Cooled Micropump Product Overview
  - 10.13.3 NITTO KOHKI Liquid-Cooled Micropump Product Market Performance

- 10.13.4 NITTO KOHKI Business Overview
- 10.13.5 NITTO KOHKI Recent Developments
- 10.14 Bartels Mirkrotechnik
  - 10.14.1 Bartels Mirkrotechnik Basic Information
  - 10.14.2 Bartels Mirkrotechnik Liquid-Cooled Micropump Product Overview
  - 10.14.3 Bartels Mirkrotechnik Liquid-Cooled Micropump Product Market Performance
  - 10.14.4 Bartels Mirkrotechnik Business Overview
  - 10.14.5 Bartels Mirkrotechnik Recent Developments

## **11 LIQUID-COOLED MICROPUMP MARKET FORECAST BY REGION**

- 11.1 Global Liquid-Cooled Micropump Market Size Forecast
- 11.2 Global Liquid-Cooled Micropump Market Forecast by Region
  - 11.2.1 North America Market Size Forecast by Country
  - 11.2.2 Europe Liquid-Cooled Micropump Market Size Forecast by Country
  - 11.2.3 Asia Pacific Liquid-Cooled Micropump Market Size Forecast by Region
  - 11.2.4 South America Liquid-Cooled Micropump Market Size Forecast by Country
  - 11.2.5 Middle East and Africa Forecasted Sales of Liquid-Cooled Micropump by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

- 12.1 Global Liquid-Cooled Micropump Market Forecast by Type (2026-2035)
  - 12.1.1 Global Forecasted Sales of Liquid-Cooled Micropump by Type (2026-2035)
  - 12.1.2 Global Liquid-Cooled Micropump Market Size Forecast by Type (2026-2035)
  - 12.1.3 Global Forecasted Price of Liquid-Cooled Micropump by Type (2026-2035)
- 12.2 Global Liquid-Cooled Micropump Market Forecast by Application (2026-2035)
  - 12.2.1 Global Liquid-Cooled Micropump Sales (K Units) Forecast by Application
  - 12.2.2 Global Liquid-Cooled Micropump Market Size (M USD) Forecast by Application (2026-2035)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Liquid-Cooled Micropump Market Size by Type (M USD)

Table 4. Global Liquid-Cooled Micropump Market Size by Application

Table 5. Liquid-Cooled Micropump Market Size Comparison by Region (M USD)

Table 6. Global Liquid-Cooled Micropump Sales (K Units) by Manufacturers  
(2020-2025)

Table 7. Global Liquid-Cooled Micropump Sales Market Share by Manufacturers  
(2020-2025)

Table 8. Global Liquid-Cooled Micropump Revenue (M USD) by Manufacturers  
(2020-2025)

Table 9. Global Liquid-Cooled Micropump Revenue Share by Manufacturers  
(2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Liquid-Cooled Micropump as of 2025)

Table 11. Global Market Liquid-Cooled Micropump Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Liquid-Cooled Micropump Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Liquid-Cooled Micropump Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Liquid-Cooled Micropump Sales by Type (K Units)

Table 27. Global Liquid-Cooled Micropump Market Size by Type (M USD)

- Table 28. Global Liquid-Cooled Micropump Sales (K Units) by Type (2020-2025)
- Table 29. Global Liquid-Cooled Micropump Sales Market Share by Type (2020-2025)
- Table 30. Global Liquid-Cooled Micropump Market Size (M USD) by Type (2020-2025)
- Table 31. Global Liquid-Cooled Micropump Market Share by Type (2020-2025)
- Table 32. Global Liquid-Cooled Micropump Price (USD/Unit) by Type (2020-2025)
- Table 33. Global Liquid-Cooled Micropump Sales (K Units) by Application
- Table 34. Global Liquid-Cooled Micropump Market Size by Application
- Table 35. Global Liquid-Cooled Micropump Sales by Application (2020-2025) & (K Units)
- Table 36. Global Liquid-Cooled Micropump Sales Market Share by Application (2020-2025)
- Table 37. Global Liquid-Cooled Micropump Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Liquid-Cooled Micropump Market Share by Application (2020-2025)
- Table 39. Global Liquid-Cooled Micropump Sales Growth Rate by Application (2020-2025)
- Table 40. Global Liquid-Cooled Micropump Sales by Region (2020-2025) & (K Units)
- Table 41. Global Liquid-Cooled Micropump Sales Market Share by Region (2020-2025)
- Table 42. Global Liquid-Cooled Micropump Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Liquid-Cooled Micropump Market Size by Region (2020-2025)
- Table 44. North America Liquid-Cooled Micropump Sales by Country (2020-2025) & (K Units)
- Table 45. North America Liquid-Cooled Micropump Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Liquid-Cooled Micropump Sales by Country (2020-2025) & (K Units)
- Table 47. Europe Liquid-Cooled Micropump Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Liquid-Cooled Micropump Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Liquid-Cooled Micropump Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Liquid-Cooled Micropump Sales by Country (2020-2025) & (K Units)
- Table 51. South America Liquid-Cooled Micropump Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa Liquid-Cooled Micropump Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa Liquid-Cooled Micropump Market Size by Region

(2020-2025) & (M USD)

Table 54. Global Liquid-Cooled Micropump Production (K Units) by Region(2020-2025)

Table 55. Global Liquid-Cooled Micropump Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Liquid-Cooled Micropump Revenue Market Share by Region (2020-2025)

Table 57. Global Liquid-Cooled Micropump Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Liquid-Cooled Micropump Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Liquid-Cooled Micropump Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Liquid-Cooled Micropump Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Liquid-Cooled Micropump Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. Boreas Technologies Basic Information

Table 63. Boreas Technologies Liquid-Cooled Micropump Product Overview

Table 64. Boreas Technologies Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Boreas Technologies Business Overview

Table 66. Boreas Technologies SWOT Analysis

Table 67. Boreas Technologies Recent Developments

Table 68. Bestar Holding Basic Information

Table 69. Bestar Holding Liquid-Cooled Micropump Product Overview

Table 70. Bestar Holding Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Bestar Holding Business Overview

Table 72. Bestar Holding SWOT Analysis

Table 73. Bestar Holding Recent Developments

Table 74. Ruimeng Semiconductor Basic Information

Table 75. Ruimeng Semiconductor Liquid-Cooled Micropump Product Overview

Table 76. Ruimeng Semiconductor Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Ruimeng Semiconductor Business Overview

Table 78. Ruimeng Semiconductor SWOT Analysis

Table 79. Ruimeng Semiconductor Recent Developments

Table 80. BARTELS Basic Information

Table 81. BARTELS Liquid-Cooled Micropump Product Overview

Table 82. BARTELS Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. BARTELS Business Overview

Table 84. BARTELS Recent Developments

Table 85. Nippon Keiki Works Basic Information

Table 86. Nippon Keiki Works Liquid-Cooled Micropump Product Overview

Table 87. Nippon Keiki Works Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. Nippon Keiki Works Business Overview

Table 89. Nippon Keiki Works Recent Developments

Table 90. Takasago Electric Basic Information

Table 91. Takasago Electric Liquid-Cooled Micropump Product Overview

Table 92. Takasago Electric Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. Takasago Electric Business Overview

Table 94. Takasago Electric Recent Developments

Table 95. Blacktrace Holdings Basic Information

Table 96. Blacktrace Holdings Liquid-Cooled Micropump Product Overview

Table 97. Blacktrace Holdings Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 98. Blacktrace Holdings Business Overview

Table 99. Blacktrace Holdings Recent Developments

Table 100. PiezoData Basic Information

Table 101. PiezoData Liquid-Cooled Micropump Product Overview

Table 102. PiezoData Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 103. PiezoData Business Overview

Table 104. PiezoData Recent Developments

Table 105. TTP Ventus Basic Information

Table 106. TTP Ventus Liquid-Cooled Micropump Product Overview

Table 107. TTP Ventus Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 108. TTP Ventus Business Overview

Table 109. TTP Ventus Recent Developments

Table 110. Sandur Group Basic Information

Table 111. Sandur Group Liquid-Cooled Micropump Product Overview

Table 112. Sandur Group Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 113. Sandur Group Business Overview

- Table 114. Sandur Group Recent Developments
- Table 115. PI Ceramic Basic Information
- Table 116. PI Ceramic Liquid-Cooled Micropump Product Overview
- Table 117. PI Ceramic Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 118. PI Ceramic Business Overview
- Table 119. PI Ceramic Recent Developments
- Table 120. Microjet Technology Basic Information
- Table 121. Microjet Technology Liquid-Cooled Micropump Product Overview
- Table 122. Microjet Technology Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 123. Microjet Technology Business Overview
- Table 124. Microjet Technology Recent Developments
- Table 125. NITTO KOHKI Basic Information
- Table 126. NITTO KOHKI Liquid-Cooled Micropump Product Overview
- Table 127. NITTO KOHKI Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 128. NITTO KOHKI Business Overview
- Table 129. NITTO KOHKI Recent Developments
- Table 130. Bartels Mirkrotechnik Basic Information
- Table 131. Bartels Mirkrotechnik Liquid-Cooled Micropump Product Overview
- Table 132. Bartels Mirkrotechnik Liquid-Cooled Micropump Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 133. Bartels Mirkrotechnik Business Overview
- Table 134. Bartels Mirkrotechnik Recent Developments
- Table 135. Global Liquid-Cooled Micropump Sales Forecast by Region (2026-2035) & (K Units)
- Table 136. Global Liquid-Cooled Micropump Market Size Forecast by Region (2026-2035) & (M USD)
- Table 137. North America Liquid-Cooled Micropump Sales Forecast by Country (2026-2035) & (K Units)
- Table 138. North America Liquid-Cooled Micropump Market Size Forecast by Country (2026-2035) & (M USD)
- Table 139. Europe Liquid-Cooled Micropump Sales Forecast by Country (2026-2035) & (K Units)
- Table 140. Europe Liquid-Cooled Micropump Market Size Forecast by Country (2026-2035) & (M USD)
- Table 141. Asia Pacific Liquid-Cooled Micropump Sales Forecast by Region (2026-2035) & (K Units)

Table 142. Asia Pacific Liquid-Cooled Micropump Market Size Forecast by Region (2026-2035) & (M USD)

Table 143. South America Liquid-Cooled Micropump Sales Forecast by Country (2026-2035) & (K Units)

Table 144. South America Liquid-Cooled Micropump Market Size Forecast by Country (2026-2035) & (M USD)

Table 145. Middle East and Africa Liquid-Cooled Micropump Sales Forecast by Country (2026-2035) & (Units)

Table 146. Middle East and Africa Liquid-Cooled Micropump Market Size Forecast by Country (2026-2035) & (M USD)

Table 147. Global Liquid-Cooled Micropump Sales Forecast by Type (2026-2035) & (K Units)

Table 148. Global Liquid-Cooled Micropump Market Size Forecast by Type (2026-2035) & (M USD)

Table 149. Global Liquid-Cooled Micropump Price Forecast by Type (2026-2035) & (USD/Unit)

Table 150. Global Liquid-Cooled Micropump Sales (K Units) Forecast by Application (2026-2035)

Table 151. Global Liquid-Cooled Micropump Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Liquid-Cooled Micropump
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Liquid-Cooled Micropump Market Size (M USD), 2025-2035
- Figure 5. Global Liquid-Cooled Micropump Market Size (M USD) (2020-2035)
- Figure 6. Global Liquid-Cooled Micropump Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Liquid-Cooled Micropump Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Liquid-Cooled Micropump Product Life Cycle
- Figure 13. Liquid-Cooled Micropump Sales Share by Manufacturers in 2025
- Figure 14. Global Liquid-Cooled Micropump Revenue Share by Manufacturers in 2025
- Figure 15. Liquid-Cooled Micropump Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Liquid-Cooled Micropump Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Liquid-Cooled Micropump Revenue in 2025
- Figure 18. Industry Chain Map of Liquid-Cooled Micropump
- Figure 19. Global Liquid-Cooled Micropump Market PEST Analysis
- Figure 20. Global Liquid-Cooled Micropump Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Liquid-Cooled Micropump Market Share by Type
- Figure 27. Sales Market Share of Liquid-Cooled Micropump by Type (2020-2025)
- Figure 28. Sales Market Share of Liquid-Cooled Micropump by Type in 2025
- Figure 29. Market Share of Liquid-Cooled Micropump by Type (2020-2025)
- Figure 30. Market Share of Liquid-Cooled Micropump by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Liquid-Cooled Micropump Market Share by Application

Figure 33. Global Liquid-Cooled Micropump Sales Market Share by Application (2020-2025)

Figure 34. Global Liquid-Cooled Micropump Sales Market Share by Application in 2025

Figure 35. Global Liquid-Cooled Micropump Market Share by Application (2020-2025)

Figure 36. Global Liquid-Cooled Micropump Market Share by Application in 2025

Figure 37. Global Liquid-Cooled Micropump Sales Growth Rate by Application (2020-2025)

Figure 38. Global Liquid-Cooled Micropump Sales Market Share by Region (2020-2025)

Figure 39. Global Liquid-Cooled Micropump Market Size by Region (2020-2025)

Figure 40. North America Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Liquid-Cooled Micropump Sales Market Share by Country in 2024

Figure 43. North America Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Liquid-Cooled Micropump Market Size by Country in 2024

Figure 45. U.S. Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Liquid-Cooled Micropump Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Liquid-Cooled Micropump Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Liquid-Cooled Micropump Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Liquid-Cooled Micropump Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Liquid-Cooled Micropump Sales Market Share by Country in 2024

Figure 53. Europe Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Liquid-Cooled Micropump Market Size by Country in 2024

Figure 55. Germany Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Liquid-Cooled Micropump Market Size and Growth Rate

(2020-2025) & (M USD)

Figure 57. France Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Liquid-Cooled Micropump Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Liquid-Cooled Micropump Sales Market Share by Region in 2024

Figure 67. Asia Pacific Liquid-Cooled Micropump Market Size by Region in 2024

Figure 68. China Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Liquid-Cooled Micropump Sales and Growth Rate (K Units)

Figure 79. South America Liquid-Cooled Micropump Sales Market Share by Country in 2024

Figure 80. South America Liquid-Cooled Micropump Market Size and Growth Rate (M USD)

Figure 81. South America Liquid-Cooled Micropump Market Size by Country in 2024

Figure 82. Brazil Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Liquid-Cooled Micropump Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Liquid-Cooled Micropump Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Liquid-Cooled Micropump Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Liquid-Cooled Micropump Market Size by Region in 2024

Figure 92. Saudi Arabia Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025)

& (M USD)

Figure 98. Nigeria Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Liquid-Cooled Micropump Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Liquid-Cooled Micropump Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Liquid-Cooled Micropump Production Market Share by Region (2020-2025)

Figure 103. North America Liquid-Cooled Micropump Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Liquid-Cooled Micropump Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Liquid-Cooled Micropump Production (K Units) Growth Rate (2020-2025)

Figure 106. China Liquid-Cooled Micropump Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Liquid-Cooled Micropump Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Liquid-Cooled Micropump Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Liquid-Cooled Micropump Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Liquid-Cooled Micropump Market Share Forecast by Type (2026-2035)

Figure 111. Global Liquid-Cooled Micropump Sales Forecast by Application (2026-2035)

Figure 112. Global Liquid-Cooled Micropump Market Share Forecast by Application (2026-2035)

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