

# Global Liquid Handling Systems Market Research and Analysis, 2015-2022

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## Abstracts

### MARKET INSIGHTS

The global liquid handling systems market is anticipated to grow with the CAGR of 8.2% during the period 2017-2022. The major factors that are driving the growth of the liquid handling systems market are estimated to be the assay miniaturization in drug discovery and inclusion of automation in medical institutions and research centers. Additionally, increasing R&D investment in the biotechnology, advancements in the next generation sequencing and increasing requirement for accuracy in laboratory analysis are also contributing significantly towards the growth of the market. However, there are certain factors that are hindering the growth of the market. High set up cost and complexities in operations of liquid handling systems and lack of research initiative in the developing countries such as Brazil, India are estimated to be the major constraints in the growth of the market. Further, emergence of the robotics in the liquid handling systems market and development of the liquid handling systems for the microfluidic studies and single cell analysis are developing numerous expansion opportunities for the growth of the liquid handling market during the forecast period.

The global liquid handling systems market is analyzed on the basis of the applications and equipments. On the basis of the applications, liquid handling market is segmented into serial dilution, titration, biological sample handling, cell based assays, next generation sequencing, polymerase chain reaction, high throughput screening and others. Further, on the basis of the equipments, our market is bifurcated into automated pipetting systems, manual pipettes, electronic pipettes, pipette tips, dispensers and others. Automated pipetting systems are estimated to be the fastest growing segment during the forecast period owing to its various benefits over other liquid handling systems such as reduced errors, improves throughput, reduce sample volumes and

also reducing manual labor in laboratories.

## **GEOGRAPHY INSIGHTS**

Global liquid handling systems market is further analyzed on the basis of the geographical regions that are contributing significantly towards the growth of the market. On the basis of the geography, our market is segmented into North America, Europe, Asia Pacific and Rest of the World. North America is estimated to be the leading region in the global liquid handling market. Superior lab facilities and early adoption of the automation in the laboratories and medical research centers are estimated to back the growth of the market in the region. Moreover, high adoption of the liquid technology systems in the end-user industry such as pharmaceuticals and chemical industries are estimated to drive the growth of the market in the region. Furthermore, Asia Pacific is estimated to be the fastest growing region due to increasing R&D activities in the region. Increasing number of the laboratories and increasing pharmaceuticals and biotechnology market in the region are also estimated to augment the demand of the liquid handling systems market in the region.

## **COMPETITIVE INSIGHTS**

Some of the prominent vendors of the global liquid handling systems market across the globe are Agilent Technologies, Analytik Jena AG, Aurora Biomed Inc., Beckman Coulter, Inc., BioTek Instruments, Inc., Corning Life Sciences, Douglas Scientific, Eppendorf AG, FluidX Ltd., Formulatrix, Inc., Gilson, Inc., Hamilton Company, Hudson Robotics, Inc., Labcyte Inc., Mettler-Toledo International Inc., PerkinElmer Inc., Sartorius AG, Sias AG, Tecan Trading AG, Thermo Fisher Scientific Inc and so on. To sustain in the competitive market these players adopt various strategies such as merger, acquisitions, product launch, and geographical expansion to get edge over competitive rivals. For example:

## **MARKET SEGMENTATION**

### **1. GLOBAL LIQUID HANDLING SYSTEMS MARKET BY INSTRUMENTS**

- 1.1. AUTOMATED PIPETTING SYSTEMS**
- 1.2. MANUAL PIPETTES**
- 1.3. ELECTRONIC PIPETTES**
- 1.4. PIPETTE TIPS**
- 1.5. DISPENSERS**
- 1.6. BURETTES**

### 1.7. OTHERS

## 2. GLOBAL LIQUID HANDLING SYSTEMS MARKET BY APPLICATIONS

### 2.1. SERIAL DILUTION

### 2.2. TITRATION

### 2.3. BIOLOGICAL SAMPLE HANDLING

### 2.4. CELL BASED ASSAYS

### 2.5. NEXT GENERATION SEQUENCING

### 2.6. PCR

### 2.7. PROTEIN CRYSTALLIZATION

### 2.8. HIGH THROUGHPUT SCREENING

### 2.9. OTHERS

## **OMR REPORT COVERS:**

Comprehensive research methodology of Global Liquid Handling Systems Market.

This report also includes detailed and extensive market overview with Analyst insights & key market trends.

Exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the Global Liquid Handling Systems Market.

Insights about market determinants which are stimulating the Global Liquid Handling Systems Market.

Detailed and extensive market segments with regional distribution of forecasted revenues.

Extensive profiles and recent developments of market players.

## Contents

### 1. REPORT SUMMARY

#### 1.1. RESEARCH METHODS AND TOOLS

#### 1.2. MARKET BREAKDOWN

##### 1.2.1. BY SEGMENTS

##### 1.2.2. BY GEOGRAPHY

##### 1.2.3. BY STAKEHOLDERS

### 2. MARKET OVERVIEW AND INSIGHTS

#### 2.1. DEFINITION

#### 2.2. ANALYST INSIGHTS & CURRENT MARKET TRENDS

##### 2.2.1. KEY FINDINGS

##### 2.2.2. RECOMMENDATION

##### 2.2.3. CONCLUSION

#### 2.3. REGULATIONS

##### 2.3.1. UNITED STATES

##### 2.3.2. EUROPEAN UNION

##### 2.3.3. CHINA

##### 2.3.4. INDIA

##### 2.3.5. REST OF THE WORLD

### 3. MARKET DETERMINANT

#### 3.1. MOTIVATORS

##### 3.1.1. INCLUSION OF AUTOMATION IN MEDICAL INSTITUTIONS AND RESEARCH

##### 3.1.2. INCREASING R&D INVESTMENT IN BIOTECHNOLOGY

##### 3.1.3. ASSAY MINIATURIZATION IN DRUG DISCOVERY

##### 3.1.4. ADVANCEMENTS IN NEXT GENERATION SEQUENCING

##### 3.1.5. GROWING NEED FOR ACCURACY IN LABORATORY ANALYSIS

#### 3.2. RESTRAINTS

##### 3.2.1. HIGH SET UP COST AND COMPLEX OPERABILITY OF LIQUID HANDLING SYSTEMS

##### 3.2.2. LACK OF RESEARCH INITIATIVE IN THE DEVELOPING COUNTRIES

#### 3.3. OPPORTUNITIES

##### 3.3.1. DEVELOPMENT OF LIQUID HANDLING SYSTEMS FOR MICROFLUIDIC STUDIES AND SINGLE CELL ANALYSIS

### 3.3.2. EMERGENCE OF ROBOTICS IN LIQUID HANDLING SYSTEMS

## 4. MARKET SEGMENTATION

### 4.1. GLOBAL LIQUID HANDLING SYSTEMS MARKET BY INSTRUMENTS

#### 4.1.1. AUTOMATED PIPETTING SYSTEMS

#### 4.1.2. MANUAL PIPETTES

#### 4.1.3. ELECTRONIC PIPETTES

#### 4.1.4. PIPETTE TIPS

#### 4.1.5. DISPENSERS

#### 4.1.6. BURETTES

#### 4.1.7. OTHERS

### 4.2. GLOBAL LIQUID HANDLING SYSTEMS MARKET BY APPLICATIONS

#### 4.2.1. SERIAL DILUTION

#### 4.2.2. TITRATION

#### 4.2.3. BIOLOGICAL SAMPLE HANDLING

#### 4.2.4. CELL BASED ASSAYS

#### 4.2.5. NEXT GENERATION SEQUENCING

#### 4.2.6. PCR

#### 4.2.7. PROTEIN CRYSTALLIZATION

#### 4.2.8. HIGH THROUGHPUT SCREENING

#### 4.2.9. OTHERS

## 5. COMPETITIVE LANDSCAPE

### 5.1. KEY STRATEGY ANALYSIS

### 5.2. KEY COMPANY ANALYSIS

## 6. REGIONAL ANALYSIS

### 6.1. NORTH AMERICA

#### 6.1.1. UNITED STATES

#### 6.1.2. CANADA

#### 6.1.3. REST OF NORTH AMERICA

### 6.2. EUROPE

#### 6.2.1. UNITED KINGDOM

#### 6.2.2. FRANCE

#### 6.2.3. GERMANY

#### 6.2.4. ITALY

- 6.2.5. SPAIN
- 6.2.6. REST OF EUROPE
- 6.3. ASIA PACIFIC
  - 6.3.1. INDIA
  - 6.3.2. CHINA
  - 6.3.3. JAPAN
- 6.4. REST OF THE WORLD

## **7. COMPANY PROFILES**

- 7.1. AGILENT TECHNOLOGIES
  - 7.1.1. INTRODUCTION
  - 7.1.2. AGILENT TECHNOLOGIES PRODUCT PORTFOLIO
  - 7.1.3. AGILENT TECHNOLOGIES RECENT ACTIVITIES
- 7.2. ANALYTIK JENA AG
  - 7.2.1. INTRODUCTION
  - 7.2.2. ANALYTIK JENA AG PRODUCT PORTFOLIO
  - 7.2.3. ANALYTIK JENA AG RECENT ACTIVITIES
- 7.3. AURORA BIOMED INC.
  - 7.3.1. INTRODUCTION
  - 7.3.2. AURORA BIOMED INC. PRODUCT PORTFOLIO
  - 7.3.3. AURORA BIOMED INC. RECENT ACTIVITIES
- 7.4. BECKMAN COULTER INC.
  - 7.4.1. INTRODUCTION
  - 7.4.2. BECKMAN COULTER INC. PRODUCT PORTFOLIO
  - 7.4.3. BECKMAN COULTER INC. RECENT ACTIVITIES
- 7.5. BIOTEK INSTRUMENTS INC.
  - 7.5.1. INTRODUCTION
  - 7.5.2. BIOTEK INSTRUMENTS INC. PRODUCT PORTFOLIO
  - 7.5.3. BIOTEK INSTRUMENTS INC. RECENT ACTIVITIES
- 7.6. CORNING LIFE SCIENCES
  - 7.6.1. INTRODUCTION
  - 7.6.2. CORNING LIFE SCIENCES PRODUCT PORTFOLIO
  - 7.6.3. CORNING LIFE SCIENCES RECENT ACTIVITIES
- 7.7. DOUGLAS SCIENTIFIC
  - 7.7.1. INTRODUCTION
  - 7.7.2. DOUGLAS SCIENTIFIC PRODUCT PORTFOLIO
  - 7.7.3. DOUGLAS SCIENTIFIC RECENT ACTIVITIES
- 7.8. EPPENDORF AG

- 7.8.1. INTRODUCTION
- 7.8.2. EPPENDORF AG PRODUCT PORTFOLIO
- 7.8.3. EPPENDORF AG RECENT ACTIVITIES
- 7.9. FLUIDX LTD.
  - 7.9.1. INTRODUCTION
  - 7.9.2. FLUIDX LTD. PRODUCT PORTFOLIO
  - 7.9.3. FLUIDX LTD. RECENT ACTIVITIES
- 7.10. FORMULATRIX INC.
  - 7.10.1. INTRODUCTION
  - 7.10.2. FORMULATRIX INC. PRODUCT PORTFOLIO
  - 7.10.3. FORMULATRIX INC. RECENT ACTIVITIES
- 7.11. GILSON INC.
  - 7.11.1. INTRODUCTION
  - 7.11.2. GILSON INC. PRODUCT PORTFOLIO
  - 7.11.3. GILSON INC. RECENT ACTIVITIES
- 7.12. HAMILTON COMPANY
  - 7.12.1. INTRODUCTION
  - 7.12.2. HAMILTON COMPANY PRODUCT PORTFOLIO
  - 7.12.3. HAMILTON COMPANY RECENT ACTIVITIES
- 7.13. HUDSON ROBOTICS INC.
  - 7.13.1. INTRODUCTION
  - 7.13.2. HUDSON ROBOTICS INC. PRODUCT PORTFOLIO
  - 7.13.3. HUDSON ROBOTICS INC. RECENT ACTIVITIES
- 7.14. LABCYTE INC.
  - 7.14.1. INTRODUCTION
  - 7.14.2. LABCYTE INC. PRODUCT PORTFOLIO
  - 7.14.3. LABCYTE INC. RECENT ACTIVITIES
- 7.15. METTLER-TOLEDO INTERNATIONAL INC.
  - 7.15.1. INTRODUCTION
  - 7.15.2. METTLER-TOLEDO INTERNATIONAL INC. PRODUCT PORTFOLIO
  - 7.15.3. METTLER-TOLEDO INTERNATIONAL INC. RECENT ACTIVITIES
- 7.16. PERKINELMER INC.
  - 7.16.1. INTRODUCTION
  - 7.16.2. PERKINELMER INC. PRODUCT PORTFOLIO
  - 7.16.3. PERKINELMER INC. RECENT ACTIVITIES
- 7.17. SARTORIUS AG
  - 7.17.1. INTRODUCTION
  - 7.17.2. SARTORIUS AG PRODUCT PORTFOLIO
  - 7.17.3. SARTORIUS AG RECENT ACTIVITIES

## 7.18. SIAS AG

### 7.18.1. INTRODUCTION

### 7.18.2. SIAS AG PRODUCT PORTFOLIO

### 7.18.3. SIAS AG RECENT ACTIVITIES

## 7.19. TECAN TRADING AG

### 7.19.1. INTRODUCTION

### 7.19.2. TECAN TRADING AG PRODUCT PORTFOLIO

### 7.19.3. TECAN TRADING AG RECENT ACTIVITIES

## 7.20. THERMO FISHER SCIENTIFIC CORPORATION

### 7.20.1. INTRODUCTION

### 7.20.2. THERMO FISHER SCIENTIFIC CORPORATION PRODUCT PORTFOLIO

### 7.20.3. THERMO FISHER SCIENTIFIC CORPORATION RECENT ACTIVITIES



## List Of Tables

### LIST OF TABLES

TABLE #1 GLOBAL LIQUID HANDLING SYSTEMS MARKET RESEARCH AND ANALYSIS, BY EQUIPMENTS 2015-2022 (\$ MILLION)

TABLE #2 GLOBAL MANUAL PIPETTES MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #3 GLOBAL ELECTRONIC PIPETTES MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #4 GLOBAL AUTOMATED PIPETTES MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #5 GLOBAL PIPETTE TIPS MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #6 GLOBAL DISPENSERS MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #7 GLOBAL BURETTES MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #8 GLOBAL OTHERS MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #9 GLOBAL LIQUID HANDLING SYSTEMS MARKET RESEARCH AND ANALYSIS, BY APPLICATIONS 2015-2022 (\$ MILLION)

TABLE #10 GLOBAL SERIAL DILUTION MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #11 GLOBAL TITRATION MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #12 GLOBAL BIOLOGICAL SAMPLE HANDLING MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #13 GLOBAL CELL BASED ASSAYS MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #14 GLOBAL NEXT GENERATION SEQUENCING MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #15 GLOBAL POLYMERASE CHAIN REACTION MARKET RESEARCH AND ANALYSIS (\$ MILLION)

TABLE #16 GLOBAL PROTEIN CRYSTALLIZATION MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #17 GLOBAL HIGH THROUGHPUT SEQUENCING MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

TABLE #18 AGILENT TECHNOLOGIES PRODUCT PORTFOLIO

TABLE #19	AGILENT TECHNOLOGIES RECENT ACTIVITIES
TABLE #20	ANALYTIK JENA AG PRODUCT PORTFOLIO
TABLE #21	ANALYTIK JENA AG RECENT ACTIVITIES
TABLE #22	AURORA BIOMED INC. PRODUCT PORTFOLIO
TABLE #23	AURORA BIOMED INC. RECENT ACTIVITIES
TABLE #24	BECKMAN COULTER INC. PRODUCT PORTFOLIO
TABLE #25	BECKMAN COULTER INC. RECENT ACTIVITIES
TABLE #26	BIOTEK INSTRUMENTS INC. PRODUCT PORTFOLIO
TABLE #27	BIOTEK INSTRUMENTS INC. RECENT ACTIVITIES
TABLE #28	CORNING LIFE SCIENCES PRODUCT PORTFOLIO
TABLE #29	CORNING LIFE SCIENCES RECENT ACTIVITIES
TABLE #30	DOUGLAS SCIENTIFIC PRODUCT PORTFOLIO
TABLE #31	DOUGLAS SCIENTIFIC RECENT ACTIVITIES
TABLE #32	EPPENDORF AG PRODUCT PORTFOLIO
TABLE #33	EPPENDORF AG RECENT ACTIVITIES
TABLE #34	FLUIDX LTD. PRODUCT PORTFOLIO
TABLE #35	FLUIDX LTD. RECENT ACTIVITIES
TABLE #36	FORMULATRIX INC. PRODUCT PORTFOLIO
TABLE #37	FORMULATRIX INC. RECENT ACTIVITIES
TABLE #38	GILSON INC. PRODUCT PORTFOLIO
TABLE #39	GILSON INC. RECENT ACTIVITIES
TABLE #40	HAMILTON COMPANY PRODUCT PORTFOLIO
TABLE #41	HAMILTON COMPANY RECENT ACTIVITIES
TABLE #42	HUDSON ROBOTICS INC. PRODUCT PORTFOLIO
TABLE #43	HUDSON ROBOTICS INC. RECENT ACTIVITIES
TABLE #44	LABCYTE INC. PRODUCT PORTFOLIO
TABLE #45	LABCYTE INC. RECENT ACTIVITIES
TABLE #46	METTLER-TOLEDO INTERNATIONAL INC. PRODUCT PORTFOLIO
TABLE #47	METTLER-TOLEDO INTERNATIONAL INC. RECENT ACTIVITIES
TABLE #48	PERKINELMER INC. PRODUCT PORTFOLIO
TABLE #49	PERKINELMER INC. RECENT ACTIVITIES
TABLE #50	SARTORIUS AG PRODUCT PORTFOLIO
TABLE #51	SARTORIUS AG RECENT ACTIVITIES
TABLE #52	SIAS AG PRODUCT PORTFOLIO
TABLE #53	SIAS AG RECENT ACTIVITIES
TABLE #54	TECAN TRADING AG PRODUCT PORTFOLIO
TABLE #55	TECAN TRADING AG RECENT ACTIVITIES
TABLE #56	THERMO FISHER SCIENTIFIC CORPORATION PRODUCT PORTFOLIO
TABLE #57	THERMO FISHER SCIENTIFIC CORPORATION RECENT ACTIVITIES



## List Of Figures

### LIST OF FIGURES

FIGURE #1 NORTH AMERICA MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #2 US MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #3 CANADA MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #4 EUROPEAN MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #5 UK MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #6 FRANCE MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #8 GERMANY MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #9 ITALY MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #10 SPAIN MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #11 ROE MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #12 ASIA PACIFIC MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #13 INDIA MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #14 CHINA MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #15 JAPAN MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #16 ROPAC MARKET RESEARCH AND ANALYSIS, 2015-2022  
FIGURE #17 REST OF THE WORLD MARKET RESEARCH AND ANALYSIS, 2015-2022

### COMPANIES MENTIONED

1. Agilent Technologies
2. Analytik Jena AG
3. Aurora Biomed Inc.
4. Beckman Coulter, Inc.
5. BioTek Instruments, Inc.
6. Corning Life Sciences
7. Douglas Scientific
8. Eppendorf AG
9. FluidX Ltd.
10. Formulatrix, Inc.
11. Gilson, Inc.
12. Hamilton Company
13. Hudson Robotics, Inc.
14. Labcyte Inc.
15. Mettler-Toledo International Inc.

16. PerkinElmer Inc.
17. Sartorius AG
18. Sias AG
19. Tecan Trading AG
20. Thermo Fisher Scientific Inc

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