

Global Flow Cytometry Market Industry Trends Forecast to 2025

<https://marketpublishers.com/r/GC6D16E63A5EN.html>

Date: November 2018

Pages: 264

Price: US\$ 4,200.00 (Single User License)

ID: GC6D16E63A5EN

Abstracts

Global flow cytometry market is expected to reach a CAGR of 8.3% in the forecast period of 2018 to 2025. The new market report contains data for historic year 2016, the base year of calculation is 2017 and the forecast period is 2018 to 2025.

MARKET SEGMENTATION

By Technology (Cell-Based fFlow Cytometry, Bead-Based Flow Cytometry), Products (Reagents And Consumables, Flow Cytometry Instruments, Accessories, Services), Application (Research Applications, Clinical Application, Industrial Applications), End User (Academic & Research Institutes Pharmaceutical & Biotechnology Companies, Hospitals, Clinical Testing Laboratories, Blood Bank, Others), Geography (North America, Europe, Asia-Pacific, South America, Middle East & Africa)

Major growing sectors under the market segmentation are as follows:

In technology, cell based assay segment is dominating the market and bead based growing with the highest CAGR because Flow cytometry has wide research applications such as apoptosis, b-cell, bead-based immunoassays, cell and tissue microscopy, clinical, intracellular flow, multicolor flow, stem cell and t-cell immunology. These assays are differentiated by cell based screening and bead based screening whereas the advanced cell based assays includes real-time intracellular calcium response measurements and high-content fluorescent imaging systems whereas bead based screening involves micro beads which works as the solid matrix for antibodies or proteins. And the developments of the new technologies such as high-throughput (HT) flow cytometry are extending the capabilities of cell-based screening technologies.

In products, reagent and consumable is dominating the market and flow cytometry instruments are growing with the highest CAGR because various types of reagents are used for the flow cytometry application such as dyes, antibodies, beads and others. The antibodies are having wide application in fields of immunology, cancer and veterinary science. Other flow cytometry reagents include standards for fluorophores, cell types, and for instrument calibration. The dyes are extracted from live cells which make the process assessable for cell health and cell viability. Typically they work for the staining the nuclei of dead and live cells.

In application, research application dominating the market and clinical application is growing with the highest CAGR because flow cytometry is used in the health research and treatment such as in the treatment of HIV infection, in case of treating leukemia and lymphoma patients not only limited to this but the technology has also have its wide usage to other application such as cross-matching organs for transplantation, apoptosis, research involving stem cells and others. In clinical applications, flow cytometer is used in various fields such as Immunophenotyping of a variety of specimens, including whole blood, bone marrow, serous cavity fluids, cerebrospinal fluid, urine, and solid tissues leading the growth of the market.

In end user, academic & research institutes is dominating the market and growing with the highest CAGR due to flow cytometry the researchers are being assisted by various ways such as rapid examination of diverse individual cell types within a population of cells suspended in fluid. High-performance flow cytometers as well as high-speed cell sorters have their high usage in research such as HIV research, cancer, stem cell and drug discovery leading the growth of the market.

Key Market Players

The key market players for global flow cytometry market are listed below:

Bio-Rad Laboratories, Inc.

Miltenyi Biotec Sysmex Partec GmbH

BIOMÉRIEUX

Mechatronics

Apogee Flow Systems Ltd.

Stratedigm, Inc.

Sony Biotechnology Inc.

BD.

Thermo Fisher Scientific Inc.

Merck KGaA

ACEA BIO

Agilent Technologies

Luminex Corporation.

Enzo Life Sciences, Inc.

Beckman Coulter, Inc.

Takara Bio Inc.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 OVERVIEW OF GLOBAL FLOW CYTOMETRY MARKET
- 1.4 CURRENCY AND PRICING
- 1.5 LIMITATION
- 1.6 MARKETS COVERED

2 MARKET SEGMENTATION

- 2.1 MARKETS COVERED
- 2.2 YEARS CONSIDERED FOR THE STUDY
- 2.3 CURRENCY AND PRICING
- 2.4 RESEARCH METHODOLOGY
- 2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS
- 2.6 SECONDARY SOURCES
- 2.7 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

5 GLOBAL FLOW CYTOMETRY MARKET, BY TECHNOLOGY

- 5.1 OVERVIEW
- 5.2 CELL-BASED FLOW CYTOMETRY
- 5.3 BEAD-BASED FLOW CYTOMETRY

6 GLOBAL FLOW CYTOMETRY MARKET, BY PRODUCTS

- 6.1 OVERVIEW
- 6.2 REAGENTS AND CONSUMABLES
 - 6.2.1 ANTIBODIES
 - 6.2.2 DYES
 - 6.2.3 BEADS
 - 6.2.4 OTHERS

6.3 FLOW CYTOMETRY INSTRUMENTS

6.3.1 CELL ANALYZERS

6.3.2 CELL SORTERS

6.4 ACCESSORIES

6.4.1 FILTERS

6.4.2 LASER DEVICE

6.4.3 DETECTORS

6.4.4 OTHERS

6.5 SERVICES

7 GLOBAL FLOW CYTOMETRY MARKET, BY APPLICATION

7.1 OVERVIEW

7.2 RESEARCH APPLICATIONS

7.2.1 PHARMACEUTICAL AND BIOTECHNOLOGY

7.2.1.1 DRUG DISCOVERY

7.2.1.2 STEM CELL RESEARCH

7.2.1.3 IN VITRO TOXICITY TESTING

7.2.2 IMMUNOLOGY

7.2.3 APOPTOSIS

7.2.4 CELL SORTING/ SCREENING

7.2.5 CELL CYCLE ANALYSIS

7.2.6 CELL TRANSFECTION/VIABILITY

7.2.7 CELL COUNTING

7.2.8 OTHERS

7.3 CLINICAL APPLICATIONS

7.3.1 CANCER

7.3.2 HEMATOLOGY

7.3.3 IMMUNODEFICIENCY DISEASES

7.3.4 ORGAN TRANSPLANTATION

7.3.5 OTHER CLINICAL APPLICATIONS

7.4 INDUSTRIAL APPLICATIONS

8 GLOBAL FLOW CYTOMETRY MARKET, BY END USER

8.1 OVERVIEW

8.2 ACADEMIC & RESEARCH INSTITUTES

8.3 HOSPITALS

8.4 PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES

8.5 CLINICAL TESTING LABORATORIES

8.6 BLOOD BANK

8.7 OTHERS

9 GLOBAL FLOW CYTOMETRY MARKET, BY GEOGRAPHY

9.1 OVERVIEW

9.2 NORTH AMERICA

9.2.1 U.S.

9.2.2 CANADA

9.2.3 MEXICO

9.3 EUROPE

9.3.1 GERMANY

9.3.2 FRANCE

9.3.3 U.K.

9.3.4 ITALY

9.3.5 SPAIN

9.3.6 NETHERLANDS

9.3.7 SWITZERLAND

9.3.8 TURKEY

9.3.9 RUSSIA

9.3.10 BELGIUM

9.3.11 REST OF EUROPE

9.4 ASIA-PACIFIC

9.4.1 JAPAN

9.4.2 CHINA

9.4.3 INDIA

9.4.4 SOUTH KOREA

9.4.5 AUSTRALIA

9.4.6 SINGAPORE

9.4.7 THAILAND

9.4.8 MALAYSIA

9.4.9 INDONESIA

9.4.10 PHILIPPINES

9.4.11 REST OF ASIA-PACIFIC

9.5 SOUTH AMERICA

9.5.1 BRAZIL

9.5.2 REST OF SOUTH AMERICA

9.6 MIDDLE EAST AND AFRICA

9.6.1 SOUTH AFRICA

9.6.2 REST OF MIDDLE EAST & AFRICA

10 GLOBAL FLOW CYTOMETRY MARKET, COMPANY LANDSCAPE

10.1 COMPANY SHARE ANALYSIS: GLOBAL

10.2 COMPANY SHARE ANALYSIS: NORTH AMERICA

10.3 COMPANY SHARE ANALYSIS: EUROPE

10.4 COMPANY SHARE ANALYSIS: ASIA-PACIFIC

11 COMPANY PROFILE

11.1 BD.

11.1.1 COMPANY OVERVIEW

11.1.2 REVENUE ANALYSIS

11.1.3 COMPANY SHARE ANALYSIS

11.1.4 PRODUCT PORTFOLIO

11.1.5 RECENT DEVELOPMENTS

11.2 MERCK KGAA

11.2.1 COMPANY OVERVIEW

11.2.2 REVENUE ANALYSIS

11.2.3 COMPANY SHARE ANALYSIS

11.2.4 PRODUCT PORTFOLIO

11.2.5 RECENT DEVELOPMENTS

11.3 BIO-RAD LABORATORIES, INC.

11.3.1 COMPANY OVERVIEW

11.3.2 REVENUE ANALYSIS

11.3.3 COMPANY SHARE ANALYSIS

11.3.4 PRODUCT PORTFOLIO

11.3.5 RECENT DEVELOPMENTS

11.4 ACEA BIO

11.4.1 COMPANY OVERVIEW

11.4.2 GEOGRAPHICAL PRESENCE

11.4.3 PRODUCT PORTFOLIO

11.4.4 RECENT DEVELOPMENTS

11.5 AGILENT TECHNOLOGIES

11.5.1 COMPANY OVERVIEW

11.5.2 REVENUE ANALYSIS

11.5.3 PRODUCT PORTFOLIO

- 11.5.4 RECENT DEVELOPMENTS
- 11.6 APOGEE FLOW SYSTEMS LTD.
 - 11.6.1 COMPANY OVERVIEW
 - 11.6.2 PRODUCT PORTFOLIO
- 11.7 BECKMAN COULTER, INC.
 - 11.7.1 COMPANY OVERVIEW
 - 11.7.2 GEOGRAPHICAL PRESENCE
 - 11.7.3 PRODUCT PORTFOLIO
 - 11.7.4 RECENT DEVELOPEMENTS
- 11.8 BIOMÉRIEUX SA
 - 11.8.1 COMPANY OVERVIEW
 - 11.8.2 REVENUE ANALYSIS
 - 11.8.3 PRODUCT PORTFOLIO
 - 11.8.4 RECENT DEVELOPMENTS
- 11.9 ENZO LIFE SCIENCES, INC.
 - 11.9.1 COMPANY OVERVIEW
 - 11.9.2 GEOGRAPHICAL PRESENCE
 - 11.9.3 PRODUCT PORTFOLIO
 - 11.9.4 RECENT DEVELOPEMENTS
- 11.10 LUMINEX CORPORATION.
 - 11.10.1 COMPANY OVERVIEW
 - 11.10.2 REVENUE ANALYSIS
 - 11.10.3 PRODUCT PORTFOLIO
 - 11.10.4 RECENT DEVELOPMENTS
- 11.11 MECHATRONICS
 - 11.11.1 COMPANY OVERVIEW
 - 11.11.2 GEOGRAPHICAL PRESENCE
 - 11.11.3 PRODUCT PORTFOLIO
- 11.12 MILTENYI BIOTEC
 - 11.12.1 COMPANY OVERVIEW
 - 11.12.2 GEOGRAPHICAL PRESENCE
 - 11.12.3 PRODUCT PORTFOLIO
 - 11.12.4 RECENT DEVELOPMENTS
- 11.13 SONY BIOTECHNOLOGY INC.
 - 11.13.1 COMPANY OVERVIEW
 - 11.13.2 GEOGRAPHICAL PRESENCE
 - 11.13.3 PRODUCT PORTFOLIO
 - 11.13.4 RECENT DEVELOPMENTS
- 11.14 STRATEDIGM, INC.

- 11.14.1 COMPANY OVERVIEW
- 11.14.2 PRODUCT PORTFOLIO
- 11.15 SYSMEX PARTEC GMBH (A SUBSIDIARY OF SYSMEX CORPORATION)
 - 11.15.1 COMPANY OVERVIEW
 - 11.15.2 GEOGRAPHICAL PRESENCE
 - 11.15.3 PRODUCT PORTFOLIO
 - 11.15.4 RECENT DEVELOPMENTS
- 11.16 TAKARA BIO INC.
 - 11.16.1 COMPANY OVERVIEW
 - 11.16.2 REVENUE ANALYSIS
 - 11.16.3 PRODUCT PORTFOLIO
 - 11.16.4 RECENT DEVELOPMENTS
- 11.17 THERMO FISHER SCIENTIFIC INC.
 - 11.17.1 COMPANY OVERVIEW
 - 11.17.2 REVENUE ANALYSIS
 - 11.17.3 PRODUCT PORTFOLIO
 - 11.17.4 RECENT DEVELOPMENTS

12 RELATED REPORTS

List Of Figures

LIST OF FIGURES

FIGURE 1 GLOBAL FLOW CYTOMETRY MARKET: SEGMENTATION

FIGURE 2 GLOBAL FLOW CYTOMETRY MARKET: DATA TRIANGULATION

FIGURE 3 GLOBAL FLOW CYTOMETRY MARKET: RESEARCH SNAPSHOT

FIGURE 4 GLOBAL FLOW CYTOMETRY MARKET: BOTTOM UP APPROACH

FIGURE 5 GLOBAL FLOW CYTOMETRY MARKET: TOP DOWN APPROACH

FIGURE 6 GLOBAL FLOW CYTOMETRY MARKET: INTERVIEW DEMOGRAPHICS

FIGURE 7 GLOBAL FLOW CYTOMETRY MARKET: SEGMENTATION

FIGURE 8 NORTH AMERICA IS ANTICIPATED TO DOMINATE THE FLOW CYTOMETRY MARKET AND ASIA PACIFIC IS ESTIMATED TO BE INCREASING WITH THE STRONG CAGR IN THE FORECAST PERIOD FROM 2018 TO 2025

FIGURE 9 RISING ADOPTION OF FLOW CYTOMETRY TECHNIQUES IN CLINICAL TESTING, PHARMACEUTICAL STUDIES AND INCREASED OCCURRENCES OF HIV/AIDS AND CANCER ARE EXPECTED TO DRIVE THE MARKET FOR FLOW CYTOMETRY IN THE FORECAST PERIOD 2018 TO 2025

FIGURE 10 TECHNOLOGY EXPECTED TO ACCOUNT FOR THE LARGEST SHARE OF THE GLOBAL FLOW CYTOMETRY MARKET IN 2018 & 2025

FIGURE 11 ASIA PACIFIC IS THE MAXIMUM GROWING AND MOST PROFITABLE REVENUE POCKETS FOR GLOBAL FLOW CYTOMETRY MARKET IN THE FORECAST PERIOD FROM 2018 TO 2025

FIGURE 12 GLOBAL FLOW CYTOMETRY MARKET: BY TECHNOLOGY, 2017

FIGURE 13 GLOBAL FLOW CYTOMETRY MARKET: BY PRODUCTS, 2017

FIGURE 14 GLOBAL FLOW CYTOMETRY MARKET: BY APPLICATION, 2017

FIGURE 15 GLOBAL FLOW CYTOMETRY MARKET: BY END USER, 2017

FIGURE 16 GLOBAL FLOW CYTOMETRY MARKET SNAPSHOT (2017)

FIGURE 17 GLOBAL FLOW CYTOMETRY MARKET: BY GEOGRAPHY (2017)

FIGURE 18 GLOBAL FLOW CYTOMETRY MARKET: BY GEOGRAPHY (2018 & 2025)

FIGURE 19 GLOBAL FLOW CYTOMETRY MARKET: BY COUNTRY (2017 & 2025)

FIGURE 20 GLOBAL FLOW CYTOMETRY MARKET: BY TECHNOLOGY (2018 - 2025)

FIGURE 21 NORTH AMERICA FLOW CYTOMETRY MARKET SNAPSHOT (2017)

FIGURE 22 NORTH AMERICA FLOW CYTOMETRY MARKET: BY COUNTRY (2017)

FIGURE 23 NORTH AMERICA FLOW CYTOMETRY MARKET: BY COUNTRY (2018 & 2025)

FIGURE 24 NORTH AMERICA FLOW CYTOMETRY MARKET: BY COUNTRY (2017 & 2025)

FIGURE 25 NORTH AMERICA FLOW CYTOMETRY MARKET, BY TECHNOLOGY

(2018 TO 2025)

FIGURE 26 EUROPE FLOW CYTOMETRY MARKET SNAPSHOT (2017)

FIGURE 27 EUROPE FLOW CYTOMETRY MARKET: BY COUNTRY (2017)

FIGURE 28 EUROPE FLOW CYTOMETRY MARKET: BY COUNTRY (2018 & 2025)

FIGURE 29 EUROPE FLOW CYTOMETRY MARKET: BY COUNTRY (2017 & 2025)

FIGURE 30 EUROPE FLOW CYTOMETRY MARKET, BY TECHNOLOGY (2018 TO 2025)

FIGURE 31 ASIA-PACIFIC FLOW CYTOMETRY MARKET SNAPSHOT (2017)

FIGURE 32 ASIA-PACIFIC FLOW CYTOMETRY MARKET: BY COUNTRY (2017)

FIGURE 33 ASIA-PACIFIC FLOW CYTOMETRY MARKET: BY COUNTRY (2018 & 2025)

FIGURE 34 ASIA-PACIFIC FLOW CYTOMETRY MARKET: BY COUNTRY (2017 & 2025)

FIGURE 35 ASIA-PACIFIC FLOW CYTOMETRY MARKET, BY TECHNOLOGY (2018 TO 2025)

FIGURE 36 SOUTH AMERICA FLOW CYTOMETRY MARKET SNAPSHOT (2017)

FIGURE 37 SOUTH AMERICA FLOW CYTOMETRY MARKET: BY COUNTRY (2017)

FIGURE 38 SOUTH AMERICA FLOW CYTOMETRY MARKET: BY COUNTRY (2018 & 2025)

FIGURE 39 SOUTH AMERICA FLOW CYTOMETRY MARKET: BY COUNTRY (2017 & 2025)

FIGURE 40 SOUTH AMERICA FLOW CYTOMETRY MARKET, BY TECHNOLOGY (2018 TO 2025)

FIGURE 41 MIDDLE EAST & AFRICA FLOW CYTOMETRY MARKET SNAPSHOT (2017)

FIGURE 42 MIDDLE EAST & AFRICA FLOW CYTOMETRY MARKET: BY COUNTRY (2017)

FIGURE 43 MIDDLE EAST & AFRICA FLOW CYTOMETRY MARKET: BY COUNTRY (2018 & 2025)

FIGURE 44 MIDDLE EAST & AFRICA FLOW CYTOMETRY MARKET: BY COUNTRY (2017 & 2025)

FIGURE 45 MIDDLE EAST & AFRICA FLOW CYTOMETRY MARKET, BY TECHNOLOGY (2018 TO 2025)

FIGURE 46 GLOBAL FLOW CYTOMETRY MARKET: COMPANY SHARE 2017

FIGURE 47 NORTH AMERICA FLOW CYTOMETRY MARKET: COMPANY SHARE 2017

FIGURE 48 EUROPE FLOW CYTOMETRY MARKET: COMPANY SHARE 2017

FIGURE 49 ASIA-PACIFIC FLOW CYTOMETRY MARKET: COMPANY SHARE 2017

I would like to order

Product name: Global Flow Cytometry Market Industry Trends Forecast to 2025

Product link: <https://marketpublishers.com/r/GC6D16E63A5EN.html>

Price: US\$ 4,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC6D16E63A5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970