

# 2016-2020 EU5 Hematology and Flow Cytometry Analyzers and Consumables Market: Supplier Shares, Country Segment Forecasts, Competitive Strategies, Innovative Technologies, Instrumentation Review

https://marketpublishers.com/r/295778B030BEN.html

Date: March 2016

Pages: 450

Price: US\$ 15,760.00 (Single User License)

ID: 295778B030BEN

# **Abstracts**

Complete report \$19,700. DataPack (test volumes, sales forecasts, supplier shares) \$12,800.

## Summary

VPGMarketResearch.com's new comprehensive five-country report contains 450 pages, 160 tables, and is designed to help current suppliers and potential market entrants identify and evaluate business opportunities emerging in the European hematology and flow cytometry markets during the next five years.

The report explores business and technological trends in the major European countries (France, Germany, Italy, Spain, UK); provides market share estimates, test volume forecasts, and instrument placements; compares features of major analyzers; profiles leading competitors and emerging market entrants; and suggests specific product and marketing opportunities facing suppliers.

#### Rationale

During the next five years, continued advances in molecular diagnostics, monoclonal antibodies, lasers and IT, as well as growing understanding of immunologic forces regulating systemic diseases, will have a profound impact on the hematology and flow cytometry markets worldwide. New molecular diagnostic and monoclonal antibody tests will facilitate existing procedures and provide basis for sensitive, specific and simple



assays. The introduction of smaller and easy-to-operate laser systems will further expand applications of flow cytometry to routine clinical laboratories. Further advances in IT will reduce the cost of instrument manufacture, service warranty, and permit development of self-troubleshooting, autocalibration and other advanced features. Presently tedious analyses of chromosomal abnormalities, DNA content, and lymphocyte subsets will become more automated and routine.

**Hematology Tests** 

CBC + 5-Part Differential, Manual Differential/Review, Hematocrit (Automated, Manual), Hemoglobin (Automated, Manual), Sedimentation Rate, Reticulocytes, WBC (Automated, Manual), Platelets (Automated, Manual), Bone Marrow Analysis, RBC, Eosinophils.

Flow Cytometry Tests

Cell Surface Markers (CD4/CD8/T&B Lymphocytes, CD34, Others), Chemotherapy Monitoring (Leukemia/Lymphoma, Others), HLA Typing, Sperm Analysis, Cell Cycle Kinetics, Cell Function Testing, Chromosomal Abnormalities, Fetal Cell Analysis, Granulocyte Function, Receptor DNA/RNA Analysis, Cell Culturing.

Sales and Market Share Analysis

Sales and market shares of major instrument and reagent suppliers.

Geographic Coverage

France, Germany, Italy, Spain, UK

Competitive Assessments

Extensive strategic profiles of major suppliers and emerging market entrants.

Market Segmentation Analysis

Sales and market share estimates for leading suppliers of hematology and flow cytometry products by country.

Test and sales forecasts for over 40 procedures by country, individual test and



market segment:

Hospitals

Commercial/Private Laboratories

**Ambulatory Care Centers** 

Physician Offices/Group Practices

# **Current and Emerging Products**

Analysis of current and emerging hematology and flow cytometry tests

Reagent and instrument sales forecasts by market segment

Instrument placements and installed base by manufacturer and model

Sales and market shares of reagent and instrument suppliers

## **Technology Review**

Assessment of current and emerging technologies, and their potential market applications.

Comprehensive lists of companies developing or marketing new technologies and products by test.

# Strategic Recommendations

New product development opportunities with significant market appeal.

Alternative market penetration strategies.

Potential market entry barriers and risks.



Contains 450 pages and 160 tables



## **Contents**

#### I. INTRODUCTION

#### II. WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

- A. Major Routine and Special Hematology Tests
  - 1. INTRODUCTION
  - 2. CBC Analysis
    - a. Hemoglobin Concentration
    - b. Hematocrit Determination
    - c. Red Blood Cell Count
    - d. Red Cell Indices

MCV

**RDW** 

**MCHC** 

**CHCM** 

**HDW** 

MCH

- e. Red Cell Size Histograms
- f. Platelets

Platelet Count

Platelet Size/MPV

**PDW** 

**Automated Systems** 

- g. Reticulocytes
  - 3. White Blood Cell Analysis
    - a. WBC Count
    - b. Five-Partial Differential Major Suppliers

Abbott

Beckman Coulter/Danaher

Siemens

Sysmex

c. Pattern Recognition Systems

IRIS

- d. Comparison of Major Differential Analyzers
- 4. Reticulocytes
- 5. Platelet Function Tests
- 6. Erythrocyte Sedimentation Rate/CRP



- 7. Red Cell Analysis
- 8. 2, 3 DPG
- 9. Red Cell Deformability
- 10. Neutrophil Function Tests
- 11. Semen Analysis
- 12. Bone Marrow Analysis
- 13. Urinalysis
- B. Major Flow Cytometry Applications
  - 1. Cell Surface Markers
    - a. Lymphocyte Subclassification CD4/CD8/CD34

Instrumentation and Reagent Test Kits

BD

Beckman Coulter/Danaher

T Cells Diagnostics

- b. Other Cell Markers
- 2. DNA Content Analysis
- 3. RNA Content Analysis
- 4. Chemotherapy Monitoring
- 5. Cell Cycle Analysis
- 6. Chromosome Analysis
- 7. Fetal Cell Analysis
- 8. HLA Typing
- 9. Microbiology
- 10. PROTEIN CONTENT ANALYSIS
- 11. Multiparameter Analysis
- 12. Other Applications
- C. Instrumentation Review
  - 1. Hematology Analyzers
    - a. Overview

Electrical Aperture-Impedance

Analyzers

**Light Scatter Analyzers** 

b. System Review

Abbott

Beckman Coulter/Danaher

Biocode Hycel

CellaVision

**Drew-Scientific** 

Horiba



Medica

Menarini

Nihon Kohden

Siemens

Sysmex

- 2. Flow Cytometers
  - a. INTRODUCTION
  - b. System Overview

**Becton Dickinson** 

Beckman Coulter/Danaher

- 3. Platelet Aggregometers
- 4. Sedimentation Rate Analyzers

Diesse Ves Matic

Polymedco

D. Current Market Needs and Future Demand

For Hematology Analyzers

- E. Reagents and Controls
- F. Current and Emerging Technologies
  - 1. Information Technologies
  - 2. Automation and Robotics
  - 3. Lasers
  - 4. Artificial Intelligence
  - 5. Monoclonal Antibodies
  - 6. Molecular Diagnostics
  - 7. Microdrop Technology
- III. France
- A. Executive Summary
- **B.** Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers'

Instrument Placements, Installed Base, Sales and Market Shares

- IV. Germany
- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers'

Instrument Placements, Installed Base, Sales and Market Shares

- V. Italy
- A. Executive Summary



- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers'

Instrument Placements, Installed Base, Sales and Market Shares

- VI. Spain
- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers'

Instrument Placements, Installed Base, Sales and Market Shares

#### VIII. U.K.

- A. Executive Summary
- **B.** Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers'

Instrument Placements, Installed Base, Sales and Market Shares

## X. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

- A. Instrumentation
- B. Reagent Kits and Test Systems/Panels
- C. Information Technology
- D. Auxiliary Products

#### XI. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

## XII. ALTERNATIVE MARKET PENETRATION STRATEGIES

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies for the Decentralized Testing Markets
  - 1. Four Marketing Approaches
  - 2. Product Complexity Factor
  - 3. Customer Preference Factor
  - 4. Established Suppliers
  - 5. Emerging Suppliers



- 6. Major Types of Distributors
- 7. Market Segmentation Factor

## XIII. POTENTIAL MARKET ENTRY BARRIERS AND RISKS

- A. Market Maturity
- B. Cost Containment
- C. Competition
- D. Technological Edge and Limitations
- E. Patent Protection
- F. Regulatory Constraints
- G. Decentralized Testing Market Challenges

# **XIV. COMPETITIVE ASSESSMENTS**

**Abbott** 

Agilent Technologies

Beckman Coulter/Danaher

**Becton Dickinson** 

Bio-Rad

CellaVision

Horiba

Iris Diagnostics/Danaher

Nihon Kohden

**Ortho-Clinical Diagnostics** 

Roche

Siemens

Sysmex

XV. Appendix: Major Universities and Research

Centers Developing New Hematology/Flow Cytometry

Technologies and Applications



# **List Of Tables**

#### LIST OF TABLES

Summary Table I: France, All Market Segments

Total Hematology and Flow Cytometry

Specimen Volume Forecast

Summary Table II: France, All Market Segments

Total Hematology and Flow Cytometry Test Volume Forecast

Summary Table III: France, All Market Segments

Total Hematology and Flow Cytometry Market Forecast

France, Laboratories Performing Hematology and Flow

Cytometry Testing By Market Segment

France, All Market Segments, Total Hematology And Flow Cytometry Specimen Volume

France, All Market Segments, Total

Hematology and Flow Cytometry Test Volume

France, Hospital Laboratories Performing

Hematology and Flow Cytometry Tests By Bed Size

France, Commercial/Private Laboratories Performing Hematology and Flow Cytometry

Tests By Annual Test Volume

France, Total Routine Hematology Specimen Volume By Market Segment

France, Total Flow Cytometry and Special

Hematology Specimen Volume By Market Segment

France, Hospital Laboratories, Hematology and Flow Cytometry Specimen Volume

Forecast

France, Commercial/Private Laboratories Hematology and Flow Cytometry Specimen

Volume Forecast

France, Total Routine Hematology Test Volume Forecast By Market Segment

France, Total Flow Cytometry and Special

Hematology Test Volume By Market Segment

France, All Market Segments, Total Routine

Hematology Test Volume Forecast

France, Hospital Laboratories, Routine Hematology Test Volume Forecast

France, Commercial/Private Laboratories, Routine Hematology Test Volume Forecast

France, All Market Segments, Total Flow

Cytometry and Special Hematology Test Volume Forecast

France, Hospital Laboratories, Flow Cytometry And Special Hematology Test Volume

Forecast

France, Commercial/Private Laboratories, Flow Cytometry And Special Hematology



**Test Volume Forecast** 

France, Major Hematology Analyzers, Estimated Placements And Installed Base

France, Major Flow Cytometers, Estimated Placements And Installed Base

France, Total Hematology Market Forecast By Market Segment

France, Hematology Consumable Market Forecast By Market Segment

France, Hematology Instrument Market Forecast By Market Segment

France, Total Flow Cytometry Market Forecast By Market Segment

France, Flow Cytometry Consumable Market Forecast By Market Segment

France, Flow Cytometry Instrument Market Forecast By Market Segment

France, Total Hematology Market By Major Supplier

France, Hematology Consumable Market By Major Supplier

France, Hematology Instrument Market By Major Supplier

France, Total Flow Cytometry Market By Major Supplier

France, Flow Cytometry Consumable Market By Major Supplier

France, Flow Cytometry Instrument Market By Major Supplier

Summary Table I: Germany, All Market Segments

Total Hematology and Flow Cytometry

Specimen Volume Forecast

Summary Table II: Germany, All Market Segments

Total Hematology and Flow Cytometry Test Volume Forecast

Summary Table III: Germany, All Market Segments

Total Hematology and Flow Cytometry Market Forecast

Germany, Laboratories Performing Hematology and Flow Cytometry Testing By Market Segment

Germany, Hospital Laboratories Performing

Hematology and Flow Cytometry Tests By Bed Size

Germany, Commercial/Private Laboratories Performing Hematology and Flow

Cytometry Tests By Annual Test Volume

Germany, Physician Office Laboratories Performing Hematology and Flow Cytometry

Tests By Annual Test Volume

Germany, Total Routine Hematology Specimen

Volume Forecast By Market Segment

Germany, Total Flow Cytometry and Special

Hematology Specimen Volume Forecast By Market Segment

Germany, Hospital Laboratories, Hematology And Flow Cytometry Specimen Volume Forecast

Germany, Commercial/Private Laboratories Hematology and Flow Cytometry Specimen Volume Forecast

Germany, Total Routine Hematology Test



Volume Forecast By Market Segment

Germany, Total Flow Cytometry and Special

Hematology Test Volume Forecast By Market Segment

Germany, All Market Segments, Total Routine

Hematology Test Volume Forecast

Germany, Hospital Laboratories, Routine Hematology Test Volume Forecast

Germany, Commercial/Private Laboratories, Routine Hematology Test Volume Forecast

Germany, Physician Office Laboratories, Routine Hematology Test Volume Forecast

Germany, All Market Segments, Total Flow

Cytometry and Special Hematology Test Volume Forecast

Germany, Hospital Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

Germany, Commercial/Private Laboratories, Flow Cytometry and Special Hematology Test Volume Forecast

Germany, Major Hematology Analyzers, Estimated Placements and Installed Base

Germany, Major Flow Cytometers, Estimated Placements and Installed Base

Germany, Total Hematology Market Forecast By Market Segment

Germany, Hematology Consumable Market Forecast By Market Segment

Germany, Hematology Instrument Market Forecast By Market Segment

Germany, Total Flow Cytometry Market Forecast By Market Segment

Germany, Flow Cytometry Consumable Market Forecast By Market Segment

Germany, Flow Cytometry Instrument Market Forecast By Market Segment

Germany, Total Hematology Market By Major Supplier

Germany, Hematology Consumable Market By Major Supplier

Germany, Hematology Instrument Market By Major Supplier

Germany, Total Flow Cytometry Market By Major Supplier

Germany, Flow Cytometry Consumable Market By Major Supplier

Germany, Flow Cytometry Instrument Market By Major Supplier

Summary Table I: Italy, All Market Segments, Total Hematology and Flow Cytometry

Specimen Volume Forecast

Summary Table II: Italy, All Market Segments, Total Hematology and Flow Cytometry

Test

Volume Forecast

Summary Table III: Italy, All Market Segments, Total Hematology and Flow Cytometry Market Forecast

Italy, Laboratories Performing Hematology and Flow Cytometry Testing By Market Segment

Italy, Hospital Laboratories Performing

Hematology and Flow Cytometry Tests By Bed Size



Italy, Commercial/Private Laboratories Performing Hematology and Flow Cytometry Tests By Annual Test Volume

Italy, Total Routine Hematology Specimen Volume By Market Segment

Italy, Total Flow Cytometry and Special

Hematology Specimen Volume Forecast By Market Segment

Italy, Hospital Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

Italy, Commercial/Private Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

Italy, Total Routine Hematology Test Volume Forecast By Market Segment

Italy, Total Flow Cytometry and Special

Hematology Test Volume Forecast By Market Segment

Italy, All Market Segments, Total Routine

Hematology Test Volume Forecast

Italy, Hospital Laboratories, Routine Hematology Test Volume Forecast

Italy, Commercial/Private Laboratories, Routine Hematology Test Volume Forecast

Italy, All Market Segments, Total Flow

Cytometry and Special Hematology Test Volume Forecast

Italy, Hospital Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

Italy, Commercial/Private Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

Italy, Major Hematology Analyzers, Estimated Placements and Installed Base

Italy, Major Flow Cytometers, Estimated Placements and Installed Base

Italy, Total Hematology Market Forecast By Market Segment

Italy, Hematology Consumable Market Forecast By Market Segment

Italy, Hematology Instrument Market Forecast By Market Segment

Italy, Total Flow Cytometry Market Forecast By Market Segment

Italy, Flow Cytometry Instrument Market Forecast By Market Segment

Italy, Flow Cytometry Consumable Market Forecast By Market Segment

Italy, Total Hematology Market By Major Supplier

Italy, Hematology Consumable Market By Major Supplier

Italy, Hematology Instrument Market By Major Supplier

Italy, Total Flow Cytometry Market By Major Supplier

Italy, Flow Cytometry Consumable Market By Major Supplier

Italy, Flow Cytometry Instrument Market By Major Supplier

Summary Table I: Spain, All Market Segments, Total Hematology and Flow Cytometry Specimen Volume Forecast

Summary Table II: Spain, All Market Segments, Total Hematology and Flow Cytometry



**Test Volume Forecast** 

Summary Table III: Spain, All Market Segments, Total Hematology and Flow Cytometry Market Forecast

Spain, Laboratories Performing Hematology and Flow

Cytometry Testing By Market Segment

Spain, Hospital Laboratories Performing

Hematology/Flow Cytometry Tests By Bed Size

Spain, Commercial/Private Laboratories Performing Hematology and Flow Cytometry

Tests By Annual Test Volume

Spain, Total Routine Hematology Specimen

Volume Forecast By Market Segment

Spain, Total Flow Cytometry and Special

Hematology Specimen Volume Forecast By Market Segment

Spain, Hospital Laboratories, Hematology And Flow Cytometry Specimen Volume Forecast

Spain, Ambulatory Care Centers, Hematology And Flow Cytometry Specimen Volume Forecast

Spain, Commercial/Private Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

Spain, Total Routine Hematology Test Volume Forecast By Market Segment

Spain, Total Flow Cytometry and Special

Hematology Test Volume Forecast By Market Segment

Spain, All Market Segments, Total Routine

Hematology Test Volume Forecast

Spain, Hospital Laboratories, Routine Hematology Test Volume Forecast

Spain, Ambulatory Clinic Laboratories, Routine Hematology Test Volume Forecast

Spain, Commercial/Private Laboratories, Routine Hematology Test Volume Forecast

Spain, All Market Segments, Flow Cytometry And Special Hematology Test Volume Forecast

Spain, Hospital Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

Spain, Ambulatory Care Centers, Flow Cytometry And Special Hematology Test Volume Forecast

Spain, Major Hematology Analyzers, Estimated Placements and Installed Base

Spain, Major Flow Cytometers, Estimated Placements and Installed Base

Spain, Total Hematology Market Forecast By Market Segment

Spain, Hematology Consumable Market Forecast By Market Segment

Spain, Hematology Instrument Market Forecast By Market Segment

Spain, Total Flow Cytometry Market Forecast By Market Segment



Spain, Flow Cytometry Consumable Market Forecast By Market Segment

Spain, Flow Cytometry Instrument Market Forecast By Market Segment

Spain, Total Hematology Market By Major Supplier

Spain, Hematology Consumable Market By Major Supplier

Spain, Hematology Instrument Market By Major Supplier

Spain, Total Flow Cytometry Market By Major Supplier

Spain, Hematology Consumable Market By Major Supplier

Spain, Total Flow Cytometry Market By Major Supplier

Spain, Flow Cytometry Consumable Market By Major Supplier

Spain, Flow Cytometry Instrument Market By Major Supplier

Summary Table I: U.K., All Market Segments, Total Hematology and Flow Cytometry

Specimen Volume Forecast

Summary Table II: U.K., All Market Segments, Total Hematology and Flow Cytometry Test

Volume Forecast

Summary Table III: U.K., All Market Segments, Total Hematology and Flow Cytometry Market Forecast

U.K., Laboratories Performing Hematology and Flow

Cytometry Testing By Market Segment

U.K., Hospital Laboratories Performing

Hematology/Flow Cytometry Tests By Bed Size

U.K., Commercial/Private Laboratories, Performing Hematology/Flow Cytometry Tests By Annual Test Volume

U.K., Total Routine Hematology Specimen

Volume Forecast By Market Segment

U.K., Total Flow Cytometry and Special

Hematology Specimen Volume, By Market Segment

U.K., Hospital Laboratories, Hematology And Flow Cytometry Specimen Volume Forecast

U.K., Commercial/Private Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

U.K., Total Routine Hematology Test Volume Forecast By Market Segment

U.K., Total Flow Cytometry and Special

Hematology Test Volume Forecast By Market Segment

U.K., All Market Segments, Total Routine

Hematology Test Volume Forecast

U.K., Hospital Laboratories, Routine Hematology Test Volume Forecast

U.K., Commercial/Private Laboratories, Routine Hematology Test Volume Forecast

U.K., Hospital Laboratories, Flow Cytometry And Special Hematology Test Volume



#### Forecast

U.K., Major Hematology Analyzers, Estimated Placements and Installed Base

U.K., Major Flow Cytometers, Estimated Placements and Installed Base

U.K. Total Hematology Market Forecast By Market Segment

U.K., Hematology Instrument, Market Forecast By Market Segment

U.K., Hematology Consumable, Market Forecast By Market Segment

U.K., Total Flow Cytometry Market Forecast By Market Segment

U.K., Total Flow Cytometry Instrument

Market Forecast By Market Segment

U.K., Total Flow Cytometry Consumable

Market Forecast By Market Segment

U.K., Total Hematology Market By Major Supplier

U.K., Hematology Instrument Market By Major Supplier

U.K., Hematology Consumable Market By Major Supplier

U.K., Total Flow Cytometry Market By Major Supplier

U.K., Total Flow Cytometry Consumable

Market By Major Supplier

U.K., Total Flow Cytometry Instrument

Market By Major Supplier



## I would like to order

Product name: 2016-2020 EU5 Hematology and Flow Cytometry Analyzers and Consumables Market:

Supplier Shares, Country Segment Forecasts, Competitive Strategies, Innovative

Technologies, Instrumentation Review

Product link: https://marketpublishers.com/r/295778B030BEN.html

Price: US\$ 15,760.00 (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 <a href="https://marketpublishers.com/r/295778B030BEN.html">https://marketpublishers.com/r/295778B030BEN.html</a>

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
	Custumer signature

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

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