

Clinical Diagnostics Automation: Market Research Report

https://marketpublishers.com/r/C2A9CAB7FDEEN.html

Date: January 2019

Pages: 173

Price: US\$ 5,600.00 (Single User License)

ID: C2A9CAB7FDEEN

Abstracts

This report analyzes the worldwide markets for Clinical Diagnostics Automation in US\$ Thousand.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2016 through 2024.

Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 52 companies including many key and niche players such as -

Abaxis, Inc.

Abbott Diagnostics, Inc.

Beckman Coulter, Inc.

Becton, Dickinson and Company

bioMérieux SA

Bio-Rad Laboratories, Inc.



Contents

1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

2. INDUSTRY OVERVIEW

Automation Marks a Revolution in Clinical Diagnosis
Outlook
Emerging Markets Provide Stronger Growth Opportunities

Table 1. Healthcare Spending as % of GDP by Region (2017E) (includes corresponding Graph/Chart)

End-User and Technology-Led Aspects Drive Demand for Automation
Key Factors Encouraging Laboratories to Adopt Automation – In a Nutshell
Desire to Expand Bottom Lines
Automation Liberates Patients from Risk of Pre-analytical Diagnostic Errors
Lack of Skilled Workforce
Availability of Advanced Automation Solutions
Rising Healthcare Costs and Pressing Need for Quality Testing
Clinical Diagnostics Automation Insulate Effects of Tightening Labor Market

Demographic Shifts & Societal Changes Drive Demand for Greater Clinical Care

Table 2. Global Aging Population (in Thousands) by Age Group for the Years 1975, 2000, 2025, and 2050 (includes corresponding Graph/Chart)

3. MARKET TRENDS, DRIVERS AND ISSUES

Rising Investments in Biotechnology – A Key Growth Driver

Microplate instrumentation – An Integral Component of Lab Automation Market

Modular Automation Surges Ahead of TLA in Adoption

Automation Plays an Important Role in Patient Treatment Management

Automation in Immunohistochemistry offers High Throughput Capabilities

Demand for Automated Hematology Analyzers on Rise

Technological Advancements Drive Growth in the Global Automated Biochemistry

Analyzers Market

Automated Multiplexing Technology and its Role in Clinical Diagnostics Automation

Clinical Diagnostics Automation: Market Research Report



Microbiology Laboratories Vie for Automation
High-End Microplate Washers Offer Enhanced Capabilities
Laboratory Information System – A Key Aspect of Clinical Diagnostics Automation
Operational Concerns Associated with LIS
Bar Code Technology Continues to Gain Adoption in Clinical Settings

4. CLINICAL DIAGNOSTICS AUTOMATION - AN OVERVIEW

Laboratory Automation

Benefits of Laboratory Automation

Introduction to Clinical Diagnostics Automation

Evolution of Clinical Diagnostics Automation

Components of Laboratory Automation System

Typical Diagnostic Laboratory Structure

Laboratory Control and Information System

Sample Storage

Sample Preparation

Transportation

Analysis

Modular Automation: Emerging Alternative

5. COMPETITIVE LANDSCAPE

5.1 Focus on Select Players

Abaxis, Inc. (USA)

Abbott Diagnostics, Inc. (USA)

Beckman Coulter, Inc. (USA)

Becton, Dickinson and Company (USA)

bioMérieux SA (France)

Bio-Rad Laboratories, Inc. (USA)

Diagnostica Stago S. A. S. (France)

Eppendorf AG (Germany)

F. Hoffmann-La Roche Ltd. (Switzerland)

HORIBA ABX S. A. S. (France)

Hudson Robotics, Inc. (USA)

Ortho Clinical Diagnostics, Inc. (USA)

PerkinElmer Inc. (USA)

QIAGEN NV (The Netherlands)

Siemens Healthineers (USA)



Sysmex America, Inc. (USA)

Tecan Group Ltd. (Switzerland)

The ELITechGroup SAS (France)

Thermo Fisher Scientific, Inc. (USA)

5.2 Product Introductions/Developments

Hamilton Integrates Coastal Genomics' LightBench with Ranger Technology into its Liquid-Handling Platforms

Thermo Fisher Introduces Lab Automation Solutions

Beckman Coulter Introduces DxH 900 Hematology Analyzer

BD Bags CE Mark for its DxH 520 Hematology Analyser

HORIBA Medical Launches Chem 300 Plus Clinical Chemistry Analyser

HORIBA Introduces MEXA-ONE-FT-CS FTIR Analyzer

BD Introduces New Diagnostic Informatics and Automation Innovations

HORIBA Medical Launches the HELO Island Configuration Solution

Tecan introduces Fluent Gx Automation Workstation for Clinical Laboratories

QIAGEN to Add QuantiFERON-TB Test DiaSorin LIAISON Analyzer Systems

Mobidiag Launches Novodiag Automated Solution for Testing of Infectious Diseases

Abbott Gains CE Mark for its Alinity h-Series Integrated System for Hematology Testing

Bio-Rad Laboratories Introduces BioPlex 2200 System

Sysmex America Launches XN-9100 and XN-3100 Hematology Automation Systems

BD Launches Fully-Automated BD Phoenix CPO Detect Test

SCIEX Diagnostics to Unveil SCIEX Topaz System for Clinical Diagnostics

Sysmex America Introduces XN-L Automated Hematology Analyzers

Abbott Introduces Sekisui CP3000 Coagulation System

Thermo Scientific Launches Cascadion SM Clinical Analyzer

Siemens Healthineers Introduces New Atellica Diagnostics Portfolio

Trinity Biotech Introduces New Laboratory Automation Range For Autoimmune Product Line

Radiometer Introduces ABL90 FLEX PLUS Blood Gas Analyzer

Technopath Introduces Unique Connectivity Solution

5.3 Recent Industry Activity

Agilent Technologies Acquires Cork

BioMérieux Acquires Astute Medical Inc

Skyline Medical Acquires Stake in Helomics

Biovendor Acquires DIAsource ImmunoAssays

DIAsource ImmunoAssays Acquires Viro-Immun Diagnostics

Sysmex to Acquire OGT

Telegraph Hill Partners Acquires Dynex Technologies

Werfen Acquires Accriva Diagnostics



6. GLOBAL MARKET PERSPECTIVE

Table 3. World Recent Past, Current and Future Analysis for Clinical Diagnostics Automation by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America, and Rest of World Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 4. World Historic Review for Clinical Diagnostics Automation by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America, and Rest of World Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 5. World 14-Year Perspective for Clinical Diagnostics Automation by Geographic Region/ Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America, and Rest of World Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

7. REGIONAL MARKET PERSPECTIVE

7.1 The United States

A. Market Analysis

Current and Future Analysis

Healthcare Industry Dynamics Encourages Lab Automation

Rise in Test Volumes and Complexity Necessitates Automation of Lab Operations Shortage of Qualified Lab Workforce: A Major Growth Driver

Table 6. Overall Vacancy Rates (%) by Laboratory Departments for the Year 2016 (includes corresponding Graph/Chart)

Modular Automation Scores over Total Laboratory Automation Approach B. Market Analytics

Table 7. US Recent Past, Current and Future Analysis for Clinical Diagnostics



Automation with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 8. US Historic Review for Clinical Diagnostics with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

7.2 Canada

A. Market Analysis

Outlook

B. Market Analytics

Table 9. Canadian Recent Past, Current and Future Analysis for Clinical Diagnostics Automation with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 10. Canadian Historic Review for Clinical Diagnostics with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

7.3 Japan Market Analysis

Table 11. Japanese Recent Past, Current and Future Analysis for Clinical Diagnostics Automation with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 12. Japanese Historic Review for Clinical Diagnostics with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

7.4 Europe

A. Market Analysis

Increasing Testing Needs of the Elderly Sets the pace for Lab Automation

B. Market Analytics

Table 13. European Recent Past, Current and Future Analysis for Clinical Diagnostics



Automation by Geographic Region/Country - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 14. European Historic Review for Clinical Diagnostics Automation by Geographic Region/ Country - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 15. European 14-Year Perspective for Clinical Diagnostics Automation by Geographic Region/Country - Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

7.5 Asia-Pacific

A. Market Analysis

Outlook

Focus on Select Markets

China

India

Private Enterprises Encourage Changes in Diagnostics Sector

B. Market Analytics

Table 16. Asia-Pacific Recent Past, Current and Future Analysis for Clinical Diagnostics Automation by Geographic Region/Country - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 17. Asia-Pacific Historic Review for Clinical Diagnostics Automation by Geographic Region/ Country - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 18. Asia-Pacific 14-Year Perspective for Clinical Diagnostics Automation by Geographic Region/Country - Percentage Breakdown of Revenues for China, India and Rest of Asia-Pacific Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)



7.6 Latin America
A. Market Analysis
Focus on Select Markets
Brazil
Clinical Diagnostics Automation Market Poised to Grow
B. Market Analytics

Table 19. Latin American Recent Past, Current and Future Analysis for Clinical Diagnostics Automation by Geographic Region/Country - Brazil and Rest of Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 20. Latin American Historic Review for Clinical Diagnostics Automation by Geographic Region/Country - Brazil and Rest of Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 21. Latin American 14-Year Perspective for Clinical Diagnostics Automation by Geographic Region/Country - Percentage Breakdown of Revenues for Brazil and Rest of Latin America Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

7.7 Rest of WorldA. Market AnalysisOutlookSouth AfricaB. Market Analytics

Table 22. Rest of World Recent Past, Current and Future Analysis for Clinical Diagnostics Automation with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 23. Rest of World Historic Review for Clinical Diagnostics with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

8. COMPANY PROFILES



```
Total Companies Profiled: 52 (including Divisions/Subsidiaries - 62)
The United States (32)
Canada (1)
Japan (3)
Europe (25)
France (4)
Germany (4)
The United Kingdom (6)
Italy (1)
Rest of Europe (10)
Asia-Pacific (Excluding Japan) (1)
```



I would like to order

Product name: Clinical Diagnostics Automation: Market Research Report Product link: https://marketpublishers.com/r/C2A9CAB7FDEEN.html

Price: US\$ 5,600.00 (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/C2A9CAB7FDEEN.html