

# **Life Science & Chemical Instrumentation Market (2011 - 2016) Global Trends, End User & Competitive Analysis**

<https://marketpublishers.com/r/LEF48C56188EN.html>

Date: February 2012

Pages: 391

Price: US\$ 5,650.00 (Single User License)

ID: LEF48C56188EN

## **Abstracts**

Life Science and Chemical Instrumentation Market (2011 - 2016) (Spectroscopy, Chromatography, DNA Sequencer & Amplifier, Lab Automation, Array, Flow Cytometer, Electrophoresis, Immuno Assay & Others)

Life science and chemical instruments are used extensively in research and development activities, laboratories being one of the major users. Use of life science and chemical instruments for disease diagnosis is on a rise; for example, flow cytometers are used for diagnosis of all four types of leukemia.

Life science and chemical equipment market is growing at a rapid rate due to the continuous requirement of these instruments in pharmaceutical and biotechnology industries. Besides, the increase in number of biotechnology firms worldwide, advances in life science research and technology innovations with human genome mapping, and emergence of proteomics have enabled industry growth; as such high-end research projects require quality instruments with high throughput capacity. All these factors are driving the life science and chemical instrumentation market.

The global life science and chemical instrumentation market was estimated to be \$30.2 billion in the year 2011 and is expected to grow at a CAGR of 8.4% from 2011 to 2016 to reach \$45.2 billion. Spectrometry segment has the largest share (33.8%) followed by chromatography (22%) in the year 2011. The spectrometry market is driven by the coupling of mass spectrometry with chromatography techniques.

The U.S. holds the major share in the life science and chemical instrumentation market across technologies; it is closely followed by Europe. The European market is saturated

in most of the technologies, but has a lot of scope of expansion in lab automation segment. The market is driven by high growth from Asian and the LATAM countries, where demand is on a rise due to increased outsourcing activities in the life technology field. Singapore is a major region for life science instruments, as many companies are establishing a manufacturing base in Singapore, due to the tax incentives.

As the market is vast there are many players in the market, the major players in this market include Affymetrix Inc. (U.S.), Illumina Inc. (U.S.), Agilent Technologies Inc. (U.S.), Roche Diagnostics Inc. (Switzerland), Bio-Rad Laboratories (U.S.), GE Healthcare (Sweden), Life Technologies (U.S.), Perkin Elmer (U.S.), Caliper Life Sciences (U.S.), Shimadzu Corporation (Japan), Abbott Laboratories (U.S.), Hitachi High-technologies Corporation (Japan), and Siemens Healthcare Diagnostics (Germany).

### **Scope of the report**

The life science laboratory instrumentation market has been studied by technology and end-users. The Life Science and chemical instrumentation market research report analyzes geography; forecasting revenues, and trends in each of the following submarkets

Life science and chemical instrumentation market, by technology:

#### Chromatography

- Liquid

  - HPLC

  - UHPLC

- Gas

- Others

  - Ion chromatography

  - LPLC

  - Flash

  - TLC and chemical sensor

#### Electrophoresis

- Gel electrophoresis

- Capillary electrophoresis

#### DNA Sequencers & amplifier

- DNA sequencer

DNA amplifier

Q-PCR

RT-PCR

Others

Laboratory automation

Liquid handling market

Micro plate readers

Robotics and others

Spectrometry

Atomic spectroscopy

Atomic absorption spectroscopy

X-ray diffraction

X-Ray fluorescence

Inductively coupled plasma

Ark spark

Elemental analyzers

ICP-MS

Mass spectrometry

Tandem LC-MS

GC/MS

LC/MS TOF

MALDI TOF

Single Quadrupole

Fourier transform

Other

Molecular spectroscopy

NMR

UV-vis

Infrared

Color measurement

Near infrared

Raman

Immunoassay

Enzyme immunoassay (EIA)

Fluorescence immunoassay

Chemiluminescence immunoassay

Radioimmunoassay

Nephelometric immunoassay

Micro-Array

DNA array  
Protein array  
Tissue array  
Cell array  
Flow cytometry  
Cell based  
Bead based  
Others  
Laboratory balances  
Incubators  
Centrifuge  
Fume hoods

Life science and chemical instruments instrumentation market, by end-users:

Pharmaceuticals and biopharmaceutical companies  
  
Research laboratories  
  
Academic institution  
  
Food and beverages  
  
Environmental  
  
Others

Life science and chemical instruments instrumentation market, by geography:

U.S.  
  
Europe  
  
Asia  
  
ROW

## Contents

### 1 INTRODUCTION

- 1.1 KEY TAKE-AWAYS
- 1.2 REPORT DESCRIPTION
- 1.3 MARKETS COVERED
- 1.4 STAKEHOLDERS
- 1.5 RESEARCH METHODOLOGY
  - 1.5.1 MARKET SIZE
  - 1.5.2 MARKET SHARE
  - 1.5.3 KEY DATA POINTS FROM SECONDARY SOURCES
  - 1.5.4 ASSUMPTIONS

### 2 EXECUTIVE SUMMARY

### 3 MARKET OVERVIEW

- 3.1 INTRODUCTION
- 3.2 MARKET DYNAMICS
  - 3.2.1 DRIVERS
    - 3.2.1.1 High research and development expenditure by biotechnology companies
    - 3.2.1.2 Increase in number of biotechnology firms
    - 3.2.1.3 Growth in biopharmaceuticals
    - 3.2.1.4 Advancement in technology
    - 3.2.1.5 Funding sources increase purchase power of the major research institutions
    - 3.2.1.6 Protein profiling on a rise
  - 3.2.2 RESTRAINTS
    - 3.2.2.1 Economic down turn decreasing investment in biotechnology
    - 3.2.2.2 High price of biopharmaceuticals
  - 3.2.3 OPPORTUNITIES
    - 3.2.3.1 Environmental applications
    - 3.2.3.2 Data analysis and management system
  - 3.2.4 TRENDS
    - 3.2.4.1 Instrument life cycle management
    - 3.2.4.2 Tie ups with research labs and academic institutes
    - 3.2.4.3 Combination systems on a rise
  - 3.2.5 CHALLENGE
    - 3.2.5.1 Decrease in the size of instrument

## **4 GLOBAL LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET, BY TECHNOLOGY**

### **4.1 INTRODUCTION**

### **4.2 CHROMATOGRAPHY**

#### **4.2.1 DRIVERS**

4.2.1.1 Wide applications

4.2.1.2 Accuracy & precision

#### **4.2.2 RESTRAINT**

4.2.2.1 Alternative technologies

#### **4.2.3 CHROMATOGRAPHY: MARKET SHARE ANALYSIS**

#### **4.2.4 LIQUID CHROMATOGRAPHY**

4.2.4.1 Many combinations of solvent and stationary phase

4.2.4.2 High pressure liquid chromatography (HPLC)

4.2.4.2.1 Reverse phase HPLC

4.2.4.3 Ultra high pressure liquid chromatography (UHPLC)

#### **4.2.5 GAS CHROMATOGRAPHY**

##### **4.2.5.1 Drivers**

4.2.5.1.1 High precision separation technique

4.2.5.1.2 Combination of MS with GC

#### **4.2.6 OTHERS**

4.2.6.1 Ion chromatography

4.2.6.1.1 Contamination is a serious problem

4.2.6.2 Low pressure liquid chromatography

4.2.6.3 Flash chromatography

4.2.6.4 Thin layer chromatography and chemical sensor

### **4.3 ELECTROPHORESIS**

#### **4.3.1 DRIVERS**

4.3.1.1 Preferred technique for fragile molecules and variants

4.3.1.2 Increase in demand for 2-D gel electrophoresis

4.3.1.3 Lab-On-Chip technology enhancing electrophoresis market

#### **4.3.2 RESTRAINT**

4.3.2.1 Alternative technologies provide better results

#### **4.3.3 GEL ELECTROPHORESIS**

4.3.3.1 Advances in technology and automation driving the market

4.3.3.2 Gel electrophoresis: market share analysis

#### **4.3.4 CAPILLARY ELECTROPHORESIS**

4.3.4.1 Drivers

4.3.4.1.1 Speedy, high resolution analysis for a variety of applications

4.3.4.1.2 Capillary gel electrophoresis driving electrophoresis market

4.3.4.1.3 Advanced separation and quantification

4.3.4.1.4 Low cost, easy operation and low waste-generation

4.3.4.2 Restraint

4.3.4.2.1 Competing technologies

4.3.4.3 Opportunity

4.3.4.3.1 Technology coupling and ongoing miniaturization

4.3.4.4 Capillary electrophoresis: market share analysis

#### 4.4 DNA SEQUENCER & AMPLIFIERS

##### 4.4.1 DRIVERS

4.4.1.1 Utilization of low to medium throughput technologies

4.4.1.2 Commercialization of diagnostic applications based on sequencing

4.4.1.3 Hybrid approach to sequencing

##### 4.4.2 RESTRAINT

4.4.2.1 High cost of equipment

##### 4.4.3 DNA SEQUENCERS

4.4.3.1 Trend

4.4.3.2 DNA sequencer market share analysis

##### 4.4.4 DNA AMPLIFIERS

4.4.4.1 Drivers

4.4.4.1.1 qRT-PCR boosting the growth

4.4.4.2 DNA amplifier market share analysis

##### 4.4.5 THERMAL CYCLER-PCR

##### 4.4.6 REAL TIME-PCR

##### 4.4.7 OTHERS

#### 4.5 LAB AUTOMATION

##### 4.5.1 DRIVERS

4.5.1.1 Miniaturization of the process

4.5.1.2 Drug discovery and clinical monitoring

4.5.1.3 Higher reproducibility and reduction in errors

4.5.1.4 Overcomes man power shortage

##### 4.5.2 OPPORTUNITY

4.5.2.1 Upcoming fields

##### 4.5.3 RESTRAINT

4.5.3.1 Dependence on national funding

##### 4.5.4 LAB AUTOMATION: MARKET SHARE ANALYSIS

##### 4.5.5 LIQUID HANDLING

4.5.5.1 Drivers

- 4.5.5.1.1 Drug discovery process
  - 4.5.5.1.2 Inaccuracy can lead to losses
- 4.5.6 MICRO PLATE READER
- 4.5.7 ROBOTICS & OTHERS
- 4.6 SPECTROSCOPY
  - 4.6.1 DRIVERS
    - 4.6.1.1 Economic stability
    - 4.6.1.2 Increasing applications in environment and food industry
    - 4.6.1.3 Improved technologies
  - 4.6.2 RESTRAINTS
    - 4.6.2.1 High cost restrict purchases
    - 4.6.2.2 Barriers to new entrants
  - 4.6.3 OPPORTUNITIES
    - 4.6.3.1 Expanding applications in spectroscopy
    - 4.6.3.2 Other areas
  - 4.6.4 ATOMIC SPECTROMETRY
  - 4.6.5 ATOMIC SPECTROMETRY: MARKET SHARE ANALYSIS
    - 4.6.5.1 Atomic absorption spectroscopy
    - 4.6.5.2 X-ray fluorescence spectroscopy
    - 4.6.5.3 X-ray diffraction spectroscopy
    - 4.6.5.4 Inductively coupled plasma–mass spectrometry (ICP-MS)
    - 4.6.5.5 Inductively coupled plasma spectroscopy(ICP)
    - 4.6.5.6 Ark/spark spectroscopy
    - 4.6.5.7 Elemental analyzers
  - 4.6.6 MOLECULAR SPECTROSCOPY
    - 4.6.6.1 Terahertz spectroscopy driving the market
  - 4.6.7 MOLECULAR SPECTROMETRY MARKET SHARE ANALYSIS
    - 4.6.7.1 Nuclear magnetic resonance spectroscopy
    - 4.6.7.2 Ultra violet visible spectroscopy
    - 4.6.7.3 Infra-red spectroscopy
    - 4.6.7.4 Color measurement spectroscopy
    - 4.6.7.5 Near infra-red spectroscopy
    - 4.6.7.6 Raman spectroscopy
  - 4.6.8 MASS SPECTROMETRY
  - 4.6.9 MASS SPECTROMETRY MARKET SHARE ANALYSIS
    - 4.6.9.1 Tandem LC/MS
    - 4.6.9.2 Gas chromatography/mass spectrometry (GC/MS)
    - 4.6.9.3 Liquid chromatography/mass spectrometry (LC/MS)
    - 4.6.9.4 Matrix assisted laser desorption/ionization spectroscopy (MALDI-TOF)

- 4.6.9.5 Single quadrupole spectroscopy
- 4.6.9.6 Fourier transform MS
- 4.6.9.7 Other hyphenated techniques
- 4.7 IMMUNOASSAY ANALYZER
  - 4.7.1 DRIVERS
    - 4.7.1.1 Novel biomarkers and innovative technologies
    - 4.7.1.2 Sensitive, cost-effective & rapid
    - 4.7.1.3 Increasing awareness
    - 4.7.1.4 Investigation of multiple body fluids
  - 4.7.2 RESTRAINT
    - 4.7.2.1 Low detection limits
  - 4.7.3 IMMUNOASSAY: MARKET SHARE ANALYSIS
  - 4.7.4 ENZYME IMMUNOASSAY (EIA)
  - 4.7.5 FLUORESCENCE IMMUNOASSAY
  - 4.7.6 CHEMILUMINESCENCE IMMUNOASSAY
  - 4.7.7 RADIOIMMUNOASSAY
  - 4.7.8 NEPHELOMETRIC IMMUNOASSAY
- 4.8 MICROCHIP ARRAY MARKET
  - 4.8.1 DRIVERS
    - 4.8.1.1 Growth in personalized medicine
    - 4.8.1.2 Technical advances
  - 4.8.2 RESTRAINT
    - 4.8.2.1 Lack of technical know-how
  - 4.8.3 OPPORTUNITY
    - 4.8.3.1 Increasing application areas
  - 4.8.4 MICROCHIP ARRAY: MARKET SHARE ANALYSIS
  - 4.8.5 DNA ARRAYS
  - 4.8.6 PROTEIN MICROARRAY
  - 4.8.7 CELL ARRAY
  - 4.8.8 TISSUE ARRAY
- 4.9 FLOW CYTOMETER
  - 4.9.1 TREND
    - 4.9.1.1 Acoustic focusing cytometer
  - 4.9.2 DRIVERS
    - 4.9.2.1 Wide field of applications
    - 4.9.2.2 Developments in reagents and software
    - 4.9.2.3 Tandem dyes
    - 4.9.2.4 Immunophenotyping helps better diagnosis
  - 4.9.3 RESTRAINT

- 4.9.3.1 Complex technique restricts the use
- 4.9.4 WINNING IMPERATIVE
  - 4.9.4.1 Technologically advance devices give competitive advantage
- 4.9.5 FLOW CYTOMETER: MARKET SHARE ANALYSIS
- 4.9.6 CELL-BASED FLOW CYTOMETER
- 4.9.7 BEAD-BASED FLOW CYTOMETER
- 4.1 OTHERS
  - 4.10.1 MARKET SHARE ANALYSIS OF OTHER LIFE SCIENCE AND CHEMICAL INSTRUMENTS
  - 4.10.2 INCUBATORS
    - 4.10.2.1 Drivers and challenges
      - 4.10.2.1.1 Genetic engineering will drive the market
      - 4.10.2.1.2 Stem cells and biological therapeutics increases the demand for CO2 incubator
    - 4.10.2.1.3 Contamination – the biggest problem
  - 4.10.3 FUME HOODS
    - 4.10.3.1 Driver and restraint
      - 4.10.3.1.1 Improved device structure
      - 4.10.3.1.2 High electricity consumption
  - 4.10.4 LABORATORY BALANCES
    - 4.10.4.1 Drivers and restraints
      - 4.10.4.1.1 Software advances reduces time
      - 4.10.4.1.2 New model reduces errors
      - 4.10.4.1.3 Easily affected by environmental disturbances
  - 4.10.5 CENTRIFUGE
    - 4.10.5.1 Ergonomic considerations

## **5 GLOBAL LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET, BY END-USERS**

- 5.1 INTRODUCTION
- 5.2 CHROMATOGRAPHY
  - 5.2.1 BIOPHARMACEUTICALS & PHARMACEUTICALS
  - 5.2.2 ACADEMICS & RESEARCH LABORATORIES
  - 5.2.3 AGRICULTURE & FOOD
  - 5.2.4 ENVIRONMENTAL TESTING
  - 5.2.5 OTHERS
- 5.3 ELECTROPHORESIS
  - 5.3.1 PHARMACEUTICALS

- 5.3.2 BIOSCIENCE
- 5.3.3 FOOD & BEVERAGE INDUSTRY
- 5.3.4 CHEMICALS
- 5.3.5 OTHERS
- 5.4 SEQUENCERS & AMPLIFIERS
  - 5.4.1 RESEARCH LABORATORIES
  - 5.4.2 AGRICULTURE
  - 5.4.3 ACADEMICS
  - 5.4.4 OTHERS
- 5.5 LAB AUTOMATION
  - 5.5.1 RESEARCH INSTITUTES
  - 5.5.2 ACADEMICS
  - 5.5.3 BIOPHARMACEUTICALS & PHARMACEUTICALS INDUSTRY
  - 5.5.4 OTHERS
- 5.6 SPECTROSCOPY
  - 5.6.1 PHARMACEUTICALS
  - 5.6.2 BIOTECHNOLOGY
  - 5.6.3 INDUSTRIAL CHEMISTRY
  - 5.6.4 FOOD & BEVERAGES
  - 5.6.5 ENVIRONMENTAL TESTING
  - 5.6.6 MATERIALS
  - 5.6.7 OTHERS
- 5.7 IMMUNOASSAY APPLICATIONS
  - 5.7.1 DIAGNOSTIC CHEMISTRY
  - 5.7.2 AGRICULTURE
  - 5.7.3 ENVIRONMENTAL TESTING
  - 5.7.4 FOOD ANALYSIS
  - 5.7.5 OTHERS
- 5.8 MICROCHIP ARRAY
  - 5.8.1 BIOPHARMACEUTICALS & PHARMACEUTICALS
  - 5.8.2 DIAGNOSTIC LABORATORIES
  - 5.8.3 RESEARCH LABORATORIES
  - 5.8.4 ACADEMICS
  - 5.8.5 OTHERS
- 5.9 FLOW CYTOMETER
  - 5.9.1 RESEARCH LABORATORIES
  - 5.9.2 CLINICAL DIAGNOSTICS
  - 5.9.3 BIOTECHNOLOGY
  - 5.9.4 OTHERS

## 5.10 OTHERS INSTRUMENTATION

### 5.10.1 RESEARCH INSTITUTES

### 5.10.2 ACADEMICS

### 5.10.3 BIOPHARMACEUTICALS & PHARMACEUTICALS

### 5.10.4 OTHERS

## 6 GEOGRAPHICAL ANALYSIS

### 6.1 INTRODUCTION

### 6.2 U.S.

### 6.3 EUROPE

### 6.4 ASIA

#### 6.4.1 SINGAPORE

### 6.5 REST OF THE WORLD

## 7 COMPETITIVE LANDSCAPE

### 7.1 CHROMATOGRAPHY

#### 7.1.1 NEW PRODUCTS LAUNCH

#### 7.1.2 COLLABORATIONS/AGREEMENTS

#### 7.1.3 JOINT VENTURES/ACQUISITIONS

### 7.2 ELECTROPHORESIS

#### 7.2.1 NEW PRODUCTS LAUNCH

#### 7.2.2 COLLABORATIONS/AGREEMENTS

#### 7.2.3 JOINT VENTURES/ACQUISITIONS

### 7.3 DNA SEQUENCERS & AMPLIFIERS

#### 7.3.1 NEW PRODUCTS LAUNCH

#### 7.3.2 COLLABORATIONS/AGREEMENTS

#### 7.3.3 JOINT VENTURES/ACQUISITIONS

#### 7.3.4 APPROVALS

### 7.4 LABORATORY AUTOMATION

#### 7.4.1 NEW PRODUCTS LAUNCH

#### 7.4.2 COLLABORATIONS/AGREEMENTS/ACQUISITIONS

#### 7.4.3 APPROVAL

### 7.5 ARRAY MARKET

#### 7.5.1 NEW PRODUCTS LAUNCH

#### 7.5.2 COLLABORATIONS/AGREEMENTS

#### 7.5.3 JOINT VENTURES/ACQUISITIONS

#### 7.5.4 APPROVAL

## 7.6 IMMUNOASSAY

### 7.6.1 NEW PRODUCTS LAUNCH

### 7.6.2 COLLABORATIONS/AGREEMENTS

### 7.6.3 JOINT VENTURES/ACQUISITIONS

### 7.6.4 APPROVALS

## 7.7 SPECTROMETRY

### 7.7.1 NEW PRODUCTS LAUNCH

### 7.7.2 COLLABORATIONS/AGREEMENTS

### 7.7.3 JOINT VENTURES/ACQUISITIONS

### 7.7.4 OTHER

## 7.8 OTHER INSTRUMENTATIONS

### 7.8.1 NEW PRODUCTS LAUNCH

### 7.8.2 COLLABORATIONS/AGREEMENTS/ACQUISITIONS

### 7.8.3 OTHER

## 8 COMPANY PROFILES

### 8.1 ABBOTT DIAGNOSTICS INC

#### 8.1.1 OVERVIEW

#### 8.1.2 FINANCIALS

#### 8.1.3 PRODUCTS & SERVICES

#### 8.1.4 STRATEGY

#### 8.1.5 DEVELOPMENTS

### 8.2 ADVION BIOSCIENCES INC

#### 8.2.1 OVERVIEW

#### 8.2.2 FINANCIALS

#### 8.2.3 PRODUCTS & SERVICES

#### 8.2.4 STRATEGY

#### 8.2.5 DEVELOPMENTS

### 8.3 AFFYMETRIX INC

#### 8.3.1 OVERVIEW

#### 8.3.2 FINANCIALS

#### 8.3.3 PRODUCTS & SERVICES

#### 8.3.4 STRATEGY

#### 8.3.5 DEVELOPMENTS

### 8.4 AGILENT TECHNOLOGIES INC

#### 8.4.1 OVERVIEW

#### 8.4.2 FINANCIALS

#### 8.4.3 PRODUCTS & SERVICES

- 8.4.4 STRATEGY
- 8.4.5 DEVELOPMENTS
- 8.5 ANALYTIK JENA
  - 8.5.1 OVERVIEW
  - 8.5.2 FINANCIALS
  - 8.5.3 PRODUCTS & SERVICES
  - 8.5.4 STRATEGY
  - 8.5.5 DEVELOPMENTS
- 8.6 BIO-RAD LABORATORIES INC
  - 8.6.1 OVERVIEW
  - 8.6.2 FINANCIALS
  - 8.6.3 PRODUCTS & SERVICES
  - 8.6.4 STRATEGY
  - 8.6.5 DEVELOPMENTS
- 8.7 BRUKER CORPORATION
  - 8.7.1 OVERVIEW
  - 8.7.2 FINANCIALS
  - 8.7.3 PRODUCTS & SERVICES
  - 8.7.4 STRATEGY
  - 8.7.5 DEVELOPMENTS
- 8.8 DANAHER CORPORATION
  - 8.8.1 OVERVIEW
  - 8.8.2 FINANCIALS
  - 8.8.3 PRODUCTS & SERVICES
  - 8.8.4 STRATEGY
  - 8.8.5 DEVELOPMENTS
- 8.9 EPPENDORF AG
  - 8.9.1 OVERVIEW
  - 8.9.2 FINANCIALS
  - 8.9.3 PRODUCTS & SERVICES
  - 8.9.4 STRATEGY
  - 8.9.5 DEVELOPMENTS
- 8.10 HITACHI HIGH-TECHNOLOGIES CORPORATION
  - 8.10.1 OVERVIEW
  - 8.10.2 FINANCIALS
  - 8.10.3 PRODUCTS & SERVICES
  - 8.10.4 STRATEGY
  - 8.10.5 DEVELOPMENTS
- 8.11 HOEFER INC.

- 8.11.1 OVERVIEW
- 8.11.2 FINANCIALS
- 8.11.3 PRODUCTS & SERVICES
- 8.11.4 STRATEGY
- 8.11.5 DEVELOPMENTS
- 8.12 HORIBA LIMITED
  - 8.12.1 OVERVIEW
  - 8.12.2 FINANCIALS
  - 8.12.3 PRODUCTS & SERVICES
  - 8.12.4 STRATEGY
  - 8.12.5 DEVELOPMENTS
- 8.13 ILLUMINA INC
  - 8.13.1 OVERVIEW
  - 8.13.2 FINANCIALS
  - 8.13.3 PRODUCTS & SERVICES
  - 8.13.4 STRATEGY
  - 8.13.5 DEVELOPMENTS
- 8.14 LECO CORPORATION
  - 8.14.1 OVERVIEW
  - 8.14.2 FINANCIALS
  - 8.14.3 PRODUCTS & SERVICES
  - 8.14.4 STRATEGY
  - 8.14.5 DEVELOPMENTS
- 8.15 LIFE TECHNOLOGIES CORP
  - 8.15.1 OVERVIEW
  - 8.15.2 FINANCIALS
  - 8.15.3 PRODUCTS & SERVICES
  - 8.15.4 STRATEGY
  - 8.15.5 DEVELOPMENTS
- 8.16 PERKIN ELMER INC
  - 8.16.1 OVERVIEW
  - 8.16.2 FINANCIALS
  - 8.16.3 PRODUCTS & SERVICES
  - 8.16.4 STRATEGY
  - 8.16.5 DEVELOPMENTS
- 8.17 PROTAGEN AG
  - 8.17.1 OVERVIEW
  - 8.17.2 FINANCIALS
  - 8.17.3 PRODUCTS & SERVICES

- 8.17.4 DEVELOPMENTS
- 8.18 ROCHE DIAGNOSTICS LIMITED
  - 8.18.1 OVERVIEW
  - 8.18.2 FINANCIALS
  - 8.18.3 PRODUCTS & SERVICES
  - 8.18.4 STRATEGY
  - 8.18.5 DEVELOPMENTS
- 8.19 SHIMADZU CORPORATION
  - 8.19.1 OVERVIEW
  - 8.19.2 FINANCIALS
  - 8.19.3 PRODUCTS & SERVICES
  - 8.19.4 STRATEGY
  - 8.19.5 DEVELOPMENTS
- 8.20 SIEMENS HEALTHCARE
  - 8.20.1 OVERVIEW
  - 8.20.2 FINANCIALS
  - 8.20.3 PRODUCTS & SERVICES
  - 8.20.4 STRATEGY
  - 8.20.5 DEVELOPMENTS
- 8.21 TECAN GROUP LIMITED
  - 8.21.1 OVERVIEW
  - 8.21.2 FINANCIALS
  - 8.21.3 PRODUCTS & SERVICES
  - 8.21.4 STRATEGY
  - 8.21.5 DEVELOPMENTS
- 8.22 THERMO FISHER SCIENTIFIC INC
  - 8.22.1 OVERVIEW
  - 8.22.2 FINANCIALS
  - 8.22.3 PRODUCTS & SERVICES
  - 8.22.4 STRATEGY
  - 8.22.5 DEVELOPMENTS
- 8.23 WATERS CORPORATION
  - 8.23.1 OVERVIEW
  - 8.23.2 FINANCIALS
  - 8.23.3 PRODUCTS & SERVICES
  - 8.23.4 STRATEGY
  - 8.23.5 DEVELOPMENTS
- 8.24 OTHERS COMPANIES
  - 8.24.1 SCIGENE CORPORATION

- 8.24.1.1 Overview
- 8.24.1.2 Products & services
- 8.24.2 HAMAMATSU PHOTONICS K.K.
  - 8.24.2.1 Overview
  - 8.24.2.2 Products & Services
- 8.24.3 20/20 GENESYSTEMS INC.
  - 8.24.3.1 Overview
  - 8.24.3.2 Products & services
- 8.24.4 EPROGEN INC.
  - 8.24.4.1 Overview
  - 8.24.4.2 Products & services
  - 8.24.4.3 Development

## List Of Tables

### LIST OF TABLES

TABLE 1 GLOBAL LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 2 GLOBAL CHROMATOGRAPHY MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 3 CHROMATOGRAPHY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 4 GLOBAL LIQUID CHROMATOGRAPHY MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 5 LIQUID CHROMATOGRAPHY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 6 HPLC MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 7 UHPLC MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 8 GAS CHROMATOGRAPHY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 9 GLOBAL OTHERS CHROMATOGRAPHY MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 10 OTHERS CHROMATOGRAPHY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 11 ION CHROMATOGRAPHY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 12 LOW PRESSURE LIQUID CHROMATOGRAPHY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 13 FLASH CHROMATOGRAPHY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 14 THIN LAYER & CHEMICAL SENSOR CHROMATOGRAPHY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 15 ELECTROPHORESIS MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 16 ELECTROPHORESIS MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 17 GEL ELECTROPHORESIS MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 18 CAPILLARY ELECTROPHORESIS MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 19 GLOBAL DNA SEQUENCER & AMPLIFIER MARKET REVENUE, BY

TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 20 GLOBAL DNA SEQUENCER & AMPLIFIER MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 21 DNA SEQUENCER MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 22 GLOBAL DNA AMPLIFIERS MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 23 DNA AMPLIFIERS MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 24 THERMAL CYCLER-PCR MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 25 RT-PCR MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 26 OTHER AMPLIFIER MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 27 GLOBAL LAB AUTOMATION MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 28 LAB AUTOMATION MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 29 LIQUID HANDLING MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 30 MICROPLATE READER MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 31 ROBOTICS & OTHERS MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 32 GLOBAL SPECTROSCOPY MARKET REVENUE, BY SEGMENTS, 2009 – 2016 (\$MILLION)

TABLE 33 SPECTROSCOPY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 34 GLOBAL ATOMIC SPECTROSCOPY MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 35 ATOMIC SPECTROSCOPY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 36 ATOMIC ABSORPTION SPECTROSCOPY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 37 X-RAY FLUORESCENCE SPECTROSCOPY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 38 X-RAY DIFFRACTION SPECTROSCOPY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 39 INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY MARKET

REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 40 INDUCTIVELY COUPLED PLASMA SPECTROSCOPY MARKET

REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 41 ARK/SPARK SPECTROSCOPY MARKET REVENUE, BY GEOGRAPHY,  
2009 – 2016 (\$MILLION)

TABLE 42 ELEMENTAL ANALYZERS MARKET REVENUE, BY GEOGRAPHY, 2009 –  
2016 (\$MILLION)

TABLE 43 GLOBAL MOLECULAR SPECTROSCOPY MARKET REVENUE, BY  
TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 44 MOLECULAR SPECTROSCOPY MARKET REVENUE, BY GEOGRAPHY,  
2009 – 2016 (\$MILLION)

TABLE 45 NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY MARKET  
REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 46 UV-VISIBLE SPECTROSCOPY MARKET REVENUE, BY GEOGRAPHY,  
2009 – 2016 (\$MILLION)

TABLE 47 INFRA-RED SPECTROSCOPY MARKET REVENUE, BY GEOGRAPHY,  
2009 – 2016 (\$MILLION)

TABLE 48 COLOR MEASUREMENT SPECTROMETRY MARKET REVENUE, BY  
GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 49 NEAR INFRA-RED SPECTROMETRY MARKET REVENUE, BY  
GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 50 RAMAN SPECTROMETRY MARKET REVENUE, BY GEOGRAPHY, 2009 –  
2016 (\$MILLION)

TABLE 51 GLOBAL MASS SPECTROSCOPY MARKET REVENUE, BY  
TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 52 MASS SPECTROSCOPY MARKET REVENUE, BY GEOGRAPHY, 2009 –  
2016 (\$MILLION)

TABLE 53 TANDEM LC/MS SPECTROMETRY MARKET REVENUE, BY  
GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 54 GAS CHROMATOGRAPHY/MASS SPECTROMETRY MARKET REVENUE,  
BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 55 LC/MS-TOF MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016  
(\$MILLION)

TABLE 56 MALDI-TOF MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016  
(\$MILLION)

TABLE 57 SINGLE QUADRUPOLE MARKET REVENUE, BY GEOGRAPHY, 2009 –  
2016 (\$MILLION)

TABLE 58 FOURIER TRANSFORM/MS MARKET REVENUE, BY GEOGRAPHY, 2009  
– 2016 (\$MILLION)

TABLE 59 OTHER HYPHENATED TECHNIQUES MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 60 GLOBAL IMMUNOASSAY MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)
TABLE 61 IMMUNOASSAY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 62 ENZYME IMMUNOASSAY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 63 FLUORESCENCE IMMUNOASSAY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 64 CHEMILUMINESCENCE IMMUNOASSAY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 65 RADIOIMMUNOASSAY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 66 NEPHELOMETRIC MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 67 GLOBAL MICROCHIP ARRAY MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)
TABLE 68 MICROCHIP ARRAY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 69 DNA ARRAY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 70 PROTEIN ARRAY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 71 CELL ARRAY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 72 TISSUE ARRAY MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 73 GLOBAL FLOW CYTOMETER MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)
TABLE 74 FLOW CYTOMETER MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 75 CELL-BASED FLOW CYTOMETER MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 76 BEAD-BASED FLOW CYTOMETER MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 77 GLOBAL OTHERS INSTRUMENTATION MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)
TABLE 78 OTHERS INSTRUMENTATION MARKET REVENUE, BY GEOGRAPHY,

2009 – 2016 (\$MILLION)

TABLE 79 INCUBATORS MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 80 FUME HOOD MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 81 LABORATORY BALANCES MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 82 CENTRIFUGE MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 83 GLOBAL CHROMATOGRAPHY MARKET REVENUE, BY END-USERS, 2009 – 2016 (\$MILLION)

TABLE 84 GLOBAL ELECTROPHORESIS MARKET REVENUE, BY END-USERS, 2009 – 2016 (\$MILLION)

TABLE 85 GLOBAL SEQUENCERS & AMPLIFIERS MARKET REVENUE, BY END-USERS, 2009 – 2016 (\$MILLION)

TABLE 86 GLOBAL LAB AUTOMATION MARKET REVENUE, BY END-USERS, 2009 – 2016 (\$MILLION)

TABLE 87 GLOBAL SPECTROSCOPY MARKET REVENUE, BY END-USERS, 2009 – 2016 (\$MILLION)

TABLE 88 GLOBAL IMMUNOASSAY MARKET REVENUE, BY END-USERS, 2009 – 2016 (\$MILLION)

TABLE 89 GLOBAL MICROCHIP MARKET REVENUE, BY END-USERS, 2009 – 2016 (\$MILLION)

TABLE 90 GLOBAL CYTOMETER MARKET REVENUE, BY END-USERS, 2009 – 2016 (\$MILLION)

TABLE 91 GLOBAL OTHERS INSTRUMENTATION MARKET REVENUE, BY END-USERS, 2009 – 2016 (\$MILLION)

TABLE 92 LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 93 U.S.: LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET REVENUE, BY TECHNOLOGY 2009 – 2016 (\$MILLION)

TABLE 94 EUROPE: LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 95 ASIA: LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 96 ROW: LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)

TABLE 97 ABBOTT LABORATORIES: TOTAL REVENUE & R&D EXPENSES, 2008 – 2010 (\$MILLION)

TABLE 98 ABBOTT LABORATORIES: TOTAL REVENUE, BY SEGMENTS, 2008 – 2010 (\$MILLION)

TABLE 99 ABBOTT LABORATORIES: TOTAL REVENUE, BY GEOGRAPHY, 2008 – 2010 (\$MILLION)

TABLE 100 AFFYMETRIX INC: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$MILLION)

TABLE 101 AGILENT TECHNOLOGIES INC: TOTAL REVENUE AND R&D EXPENDITURE, 2009 – 2011 (\$MILLION)

TABLE 102 AGILENT TECHNOLOGIES INC: TOTAL REVENUE, BY SEGMENTS, 2009 – 2011 (\$MILLION)

TABLE 103 ANALYTIK JENA AG: TOTAL REVENUE AND R&D EXPENDITURE, 2009 – 2011 (\$THOUSANDS)

TABLE 104 ANALYTIK JENA AG: TOTAL REVENUE, BY SEGMENTS, 2009 – 2011 (\$THOUSANDS)

TABLE 105 ANALYTIK JENA AG: TOTAL REVENUE, BY GEOGRAPHY, 2009 – 2011 (\$THOUSANDS)

TABLE 106 BIO-RAD LABORATORIES INC: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$MILLION)

TABLE 107 BRUKER CORPORATION: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$MILLION)

TABLE 108 DANAHER CORPORATION: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$MILLION)

TABLE 109 DANAHER CORPORATION: TOTAL REVENUE, BY SEGMENTS, 2008 – 2010 (\$MILLION)

TABLE 110 DANAHER CORPORATION: TOTAL REVENUE, BY GEOGRAPHY (\$MILLION)

TABLE 111 EPPENDORF AG: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$THOUSANDS)

TABLE 112 HITACHI HIGH-TECHNOLOGIES CORPORATION: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$MILLION)

TABLE 113 HITACHI HIGH-TECHNOLOGIES CORPORATION: TOTAL REVENUE, BY SEGMENTS, 2008 – 2010 (\$MILLION)

TABLE 114 HORIBA LTD: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$MILLION)

TABLE 115 HORIBA LTD: TOTAL REVENUE, BY SEGMENTS, 2008 – 2010 (\$MILLION)

TABLE 116 ILLUMINA INC: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$MILLION)

TABLE 117 ILLUMINA INC: TOTAL REVENUE, BY SEGMENTS, 2008 – 2010

(\$MILLION)

TABLE 118 ILLUMINA INC: TOTAL REVENUE, BY GEOGRAPHY, 2008 – 2010

(\$MILLION)

TABLE 119 LIFE TECHNOLOGIES CORPORATION: TOTAL REVENUE AND R&D EXPENSES, 2008 – 2010 (\$MILLION)

TABLE 120 LIFE TECHNOLOGIES CORPORATION: TOTAL REVENUE, BY SEGMENTS, 2008 – 2010 (\$MILLION)

TABLE 121 LIFE TECHNOLOGIES CORPORATION: TOTAL REVENUE, BY GEOGRAPHY, 2008 – 2010 (\$THOUSANDS)

TABLE 122 PERKINELMER INC: TOTAL REVENUE AND R&D EXPENSES, 2008 – 2010 (\$MILLION)

TABLE 123 PERKINELMER INC: TOTAL REVENUE, BY SEGMENTS, 2008 – 2010 (\$MILLION)

TABLE 124 ROCHE: TOTAL REVENUE AND R&D EXPENSES, 2008 – 2010 (\$MILLION)

TABLE 125 SHIMADZU CORPORATION: TOTAL REVENUE AND R&D EXPENDITURE, 2009 – 2011 (\$MILLION)

TABLE 126 SHIMADZU CORPORATION: TOTAL REVENUE, BY SEGMENTS, 2009 – 2011 (\$MILLION)

TABLE 127 SIEMENS AG: TOTAL REVENUE AND R&D EXPENSES, 2008 – 2010 (\$MILLION)

TABLE 128 SIEMENS AG: TOTAL REVENUE, BY SEGMENTS, 2008 – 2010 (\$MILLION)

TABLE 129 SIEMENS AG: TOTAL REVENUE, BY GEOGRAPHY, 2008 – 2010 (\$MILLION)

TABLE 130 TECAN GROUP LTD: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$MILLION)

TABLE 131 THERMO FISHER SCIENTIFIC INC: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$MILLION)

TABLE 132 THERMO FISHER SCIENTIFIC INC: TOTAL REVENUE, BY SEGMENTS, 2008 – 2010 (\$MILLION)

TABLE 133 WATERS CORPORATION: TOTAL REVENUE AND R&D EXPENDITURE, 2008 – 2010 (\$MILLION)

## List Of Figures

### LIST OF FIGURES

- FIGURE 1 LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET REVENUE, BY TECHNOLOGY, 2009 – 2016 (\$MILLION)
- FIGURE 2 GLOBAL LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET SEGMENTATION
- FIGURE 3 FACTORS AFFECTING LIFE SCIENCE AND CHEMICAL INSTRUMENTATION MARKET, 2009 – 2016
- FIGURE 4 GLOBAL CHROMATOGRAPHY MARKET SEGMENTATION
- FIGURE 5 GLOBAL CHROMATOGRAPHY MARKET SHARE, 2010
- FIGURE 6 GLOBAL GEL ELECTROPHORESIS MARKET SHARE, 2008
- FIGURE 7 MOVEMENT OF SAMPLE IN CAPILLARY ELECTROPHORESIS & HPLC
- FIGURE 8 GLOBAL CAPILLARY ELECTROPHORESIS MARKET SHARE, 2009
- FIGURE 9 GLOBAL DNA SEQUENCER MARKET SHARE, 2010
- FIGURE 10 GLOBAL DNA AMPLIFIERS MARKET SHARE, 2009
- FIGURE 11 GLOBAL LAB AUTOMATION MARKET SHARE, 2010
- FIGURE 12 GLOBAL ATOMIC SPECTROMETRY MARKET SHARE, 2010
- FIGURE 13 GLOBAL MOLECULAR SPECTROSCOPY MARKET SHARE, 2010
- FIGURE 14 GLOBAL MASS SPECTROMETRY MARKET SHARE, BY COMPANY, 2010
- FIGURE 15 GLOBAL IMMUNOASSAY MARKET SHARE, 2008
- FIGURE 16 GLOBAL MICROCHIP ARRAY MARKET SHARE, 2010
- FIGURE 17 GLOBAL FLOW CYTOMETER MARKET SHARE, 2009
- FIGURE 18 GLOBAL OTHER INSTRUMENT MARKET SHARE, 2010
- FIGURE 19 KEY GROWTH STRATEGIES OF CHROMATOGRAPHY MARKET, 2008 – 2011
- FIGURE 20 KEY GROWTH STRATEGIES OF ELECTROPHORESIS MARKET, 2008 – 2011
- FIGURE 21 KEY GROWTH STRATEGIES OF ELECTROPHORESIS MARKET, 2008 – 2011
- FIGURE 22 KEY GROWTH STRATEGIES OF LABORATORY AUTOMATION MARKET, 2008 – 2011
- FIGURE 23 KEY GROWTH STRATEGIES OF ARRAY MARKET, 2008 – 2011
- FIGURE 24 KEY GROWTH STRATEGIES OF ELECTROPHORESIS MARKET, 2008 – 2011
- FIGURE 25 KEY GROWTH STRATEGIES OF SPECTROMETRY MARKET, 2008 – 2011

FIGURE 26 KEY GROWTH STRATEGIES OF OTHERS INSTRUMENTATION  
MARKET, 2008 – 2011

## I would like to order

Product name: Life Science & Chemical Instrumentation Market (2011 - 2016) Global Trends, End User & Competitive Analysis

Product link: <https://marketpublishers.com/r/LEF48C56188EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/LEF48C56188EN.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

