

# 2D Chromatography Market by Product (2D Gas and Liquid Chromatography Products), Application (Life Science Research, Environmental Analysis, Food and Beverage Testing, Petrochemical and Natural Gas Analysis), and Region - Global Forecast to 2023

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## Abstracts

“The 2D chromatography market is projected to grow at a CAGR of 7.5%.”

The global 2D chromatography market is projected to reach USD 42.4 million by 2023 from an estimated USD 29.6 million in 2018, at a CAGR of 7.5% during the forecast period. Factors such as rising food safety concerns, R&D investments by pharma companies and government support, initiatives to reduce environmental pollution, and growing petroleum industry are driving the growth of this market. However, the high cost of the 2D chromatography systems is expected to restrain market growth during the forecast period.

“In 2018, the 2D gas chromatography segment is expected to account for the largest share of the global 2D chromatography market.”

On the basis of type, the 2D chromatography market is segmented into 2D gas chromatography and 2D liquid chromatography. In 2018, the 2D gas chromatography segment is expected to account for the largest share of the global 2D chromatography market. The large share of this segment is attributed to rapid growth in the production of crude oil. 2D gas chromatography is further segmented into 2D GC instruments, 2D GC consumables, and 2D GC accessories.

“By application, the life science research segment is expected to grow at the highest CAGR during the forecast period.”

On the basis of application, the market is categorized into life science research, environmental analysis, food and beverage testing, petrochemical and natural gas analysis, and other applications. The life science research segment is expected to grow at the highest CAGR during the forecast period. The life science research segment is further segmented into pharmaceutical & biopharmaceutical applications and biotechnology applications.

“North America to witness the highest growth during the forecast period.”

North America is expected to witness the highest growth from 2018 to 2023. This growth can be attributed to the increasing funding for R&D activities in pharmaceutical industries, the growing oil & gas industry in the US, rising food safety concerns, government initiatives to improve laboratory infrastructure, and government investments for environmental protection in Canada.

The breakup of primary participants was:

By Company Type – Tier 1–54%, Tier 2–34% and Tier 3–12%

By Designation – C-level–31%, Director Level–19%, Others–50%

By Region – North America–46%, Europe–25%, Asia Pacific–18%, RoW–11%

The key players in the global 2D chromatography market are Agilent Technologies (US), LECO (US), Waters (US), Shimadzu (Japan), Restek (US), SepSolve Analytical (UK), Merck (Germany), Danaher (US), Bio-Rad Laboratories (US), and Thermo Fisher Scientific (US).

Research Coverage:

The report analyzes the 2D chromatography market and aims at estimating the market size and the future growth potential of this market based on various segments such as product, application, and region. The report also includes competitive analysis of the key players in this market along with their company profiles, product offerings, recent developments, and key market strategies.

Reasons to Buy the Report

The report can help established firms as well as new entrants/smaller firms to gauge the pulse of the market, which would help them garner a greater market share. Firms purchasing the report could use one, or any combination of the below mentioned five strategies.

This report provides insights into the following pointers:

**Market Penetration:** Comprehensive information on the product portfolios of the top players in the 2D chromatography market. The report analyzes the market based on product, application, and region

**Product Development/Innovation:** Detailed insights on upcoming technologies, research and development activities, and product launches in the 2D chromatography market

**Market Development:** Comprehensive information about lucrative emerging markets. The report analyzes the markets for various 2D chromatography across regions

**Market Diversification:** Exhaustive information about products, untapped regions, recent developments, and investments in the 2D chromatography market

**Competitive Assessment:** In-depth assessment of market shares, strategies, products, distribution networks, and manufacturing capabilities of the leading players in the 2D chromatography market

## Contents

### **1 INTRODUCTION**

- 1.1 OBJECTIVES OF STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

### **2 RESEARCH METHODOLOGY**

- 2.1 RESEARCH METHODOLOGY STEPS
- 2.2 SECONDARY AND PRIMARY RESEARCH METHODOLOGY
  - 2.2.1 SECONDARY RESEARCH
  - 2.2.2 PRIMARY RESEARCH
    - 2.2.2.1 Key industry insights
    - 2.2.2.2 Key data from primary sources
- 2.3 MARKET SIZE ESTIMATION METHODOLOGY
- 2.4 RESEARCH DESIGN
- 2.5 MARKET DATA VALIDATION AND TRIANGULATION
- 2.6 ASSUMPTIONS FOR THE STUDY

### **3 EXECUTIVE SUMMARY**

### **4 PREMIUM INSIGHTS**

- 4.1 2D CHROMATOGRAPHY MARKET OVERVIEW
- 4.2 2D CHROMATOGRAPHY MARKET, BY PRODUCT, 2018 VS. 2023
- 4.3 2D GAS CHROMATOGRAPHY DETECTORS MARKET, BY TYPE OF DETECTOR, 2018 VS. 2023
- 4.4 2D LIQUID CHROMATOGRAPHY INSTRUMENTS MARKET, BY INSTRUMENT TYPE, 2018 VS. 2023
- 4.5 2D LIQUID CHROMATOGRAPHY DETECTORS MARKET, BY DETECTOR TYPE, 2018 VS. 2023
- 4.6 2D LIQUID CHROMATOGRAPHY COLUMNS MARKET, BY TYPE, 2018 VS. 2023

4.7 2D CHROMATOGRAPHY MARKET, BY APPLICATION, 2018 VS. 2023

4.8 GEOGRAPHIC SNAPSHOT: 2D CHROMATOGRAPHY MARKET

## **5 MARKET OVERVIEW**

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 R&D investments by pharmaceutical companies and government support

5.2.1.2 Policies and initiatives to reduce environmental pollution

5.2.1.3 Rising food safety concerns

5.2.1.4 Growing petrochemical industry

5.2.2 RESTRAINTS

5.2.2.1 High cost of 2D chromatography systems

5.2.3 OPPORTUNITIES

5.2.3.1 Growth potential of emerging countries

5.2.3.2 Rising adoption of 2D LC in the development of monoclonal antibodies

5.2.4 CHALLENGES

5.2.4.1 Dearth of skilled professionals

## **6 2D CHROMATOGRAPHY MARKET, BY PRODUCT**

6.1 INTRODUCTION

6.1.1 2D GAS CHROMATOGRAPHY (2D GC)

6.1.1.1 2D GC Instruments

6.1.1.1.1 2D GC systems

6.1.1.1.2 2D GC detectors

6.1.1.1.2.1 Flame ionization detectors

6.1.1.1.2.2 Electron capture detectors

6.1.1.1.2.3 Mass spectrometer detectors

6.1.1.1.2.4 Other GC detectors

6.1.1.1.3 Other GC instruments

6.1.1.2 2D GC Consumables

6.1.1.2.1 2D GC columns

6.1.1.2.2 Other GC consumables

6.1.1.3 2D GC Accessories

6.1.2 2D LIQUID CHROMATOGRAPHY (2D LC)

6.1.2.1 2D LC Instruments

6.1.2.1.1 2D LC systems

- 6.1.2.1.2 2D LC Detectors
  - 6.1.2.1.2.1 UV/UV-visible detectors
  - 6.1.2.1.2.2 Refractive index detectors
  - 6.1.2.1.2.3 Fluorescence detectors
  - 6.1.2.1.2.4 Other LC detectors
- 6.1.2.1.3 Other LC instruments
- 6.1.2.2 2D LC Consumables
  - 6.1.2.2.1 2D LC columns
    - 6.1.2.2.1.1 Reversed-phase columns
    - 6.1.2.2.1.2 Ion exchange columns
    - 6.1.2.2.1.3 Size-exclusion columns
    - 6.1.2.2.1.4 Normal-phase/hydrophilic interaction columns
    - 6.1.2.2.1.5 Hydrophobic interaction columns
    - 6.1.2.2.1.6 Other liquid chromatography columns
  - 6.1.2.2.2 Other LC consumables
  - 6.1.2.2.3 2D LC Accessories

## **7 2D CHROMATOGRAPHY MARKET, BY APPLICATION**

### **7.1 INTRODUCTION**

#### **7.1.1 LIFE SCIENCE RESEARCH**

7.1.1.1 Pharmaceutical and biopharmaceutical applications

7.1.1.2 Biotechnology applications

#### **7.1.2 ENVIRONMENTAL ANALYSIS**

#### **7.1.3 FOOD AND BEVERAGE TESTING**

#### **7.1.4 PETROCHEMICAL AND NATURAL GAS ANALYSIS**

#### **7.1.5 OTHER APPLICATIONS**

## **8 2D CHROMATOGRAPHY MARKET, BY REGION**

### **8.1 INTRODUCTION**

### **8.2 NORTH AMERICA**

8.2.1 US

8.2.2 CANADA

### **8.3 EUROPE**

### **8.4 ASIA PACIFIC**

### **8.5 REST OF THE WORLD**

## **9 COMPETITIVE LANDSCAPE**

## 9.1 OVERVIEW

### 9.2 MARKET RANKING

#### 9.2.1 LECO CORPORATION

#### 9.2.2 AGILENT TECHNOLOGIES

#### 9.2.3 WATERS CORPORATION

#### 9.2.4 SHIMADZU CORPORATION

### 9.3 COMPETITIVE SCENARIO

#### 9.3.1 PRODUCT LAUNCHES AND APPROVALS

#### 9.3.2 EXPANSIONS

#### 9.3.3 AGREEMENTS AND PARTNERSHIPS

#### 9.3.4 ACQUISITIONS

## 10 COMPANY PROFILES

(Introduction, Products & Services, Strategy, & Analyst Insights, Developments, MnM View)\*

### 10.1 AGILENT TECHNOLOGIES

### 10.2 WATERS

### 10.3 LECO

### 10.4 SHIMADZU

### 10.5 THERMO FISHER SCIENTIFIC

### 10.6 BIO-RAD LABORATORIES

### 10.7 RESTEK

### 10.8 DANAHER

### 10.9 MERCK

### 10.10 SEPSOLVE ANALYTICAL

\*Details on MarketsandMarkets view, Introduction, Product & Services, Strategy, & Analyst Insights, New Developments might not be captured in case of unlisted companies.

## 11 APPENDIX

### 11.1 DISCUSSION GUIDE

### 11.1 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

### 11.2 AVAILABLE CUSTOMIZATIONS

### 11.3 RELATED REPORTS

## 11.4 AUTHOR DETAILS



## List Of Tables

### LIST OF TABLES

Table 1 2D CHROMATOGRAPHY MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 2 2D GAS CHROMATOGRAPHY MARKET, BY PRODUCT, 2016–2023 (USD THOUSAND)

Table 3 2D GAS CHROMATOGRAPHY MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 4 2D GAS CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 5 2D GAS CHROMATOGRAPHY INSTRUMENTS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 6 2D GAS CHROMATOGRAPHY SYSTEMS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 7 2D GAS CHROMATOGRAPHY DETECTORS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 8 2D GAS CHROMATOGRAPHY DETECTORS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 9 FLAME IONIZATION DETECTORS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 10 ELECTRON CAPTURE DETECTORS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 11 MAS SPECTROMETER DETECTORS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 12 OTHER GAS CHROMATOGRAPHY DETECTORS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 13 OTHER GAS CHROMATOGRAPHY INSTRUMENTS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 14 2D GAS CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 15 2D GAS CHROMATOGRAPHY CONSUMABLES MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 16 2D GAS CHROMATOGRAPHY COLUMNS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 17 OTHER GAS CHROMATOGRAPHY CONSUMABLES MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 18 2D GAS CHROMATOGRAPHY ACCESSORIES MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 19 2D LIQUID CHROMATOGRAPHY MARKET, BY PRODUCT, 2016–2023  
(USD THOUSAND)

Table 20 2D LIQUID CHROMATOGRAPHY MARKET, BY REGION, 2016–2023 (USD  
THOUSAND)

Table 21 2D LIQUID CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE,  
2016–2023 (USD THOUSAND)

Table 22 2D LIQUID CHROMATOGRAPHY INSTRUMENTS MARKET, BY REGION,  
2016–2023 (USD THOUSAND)

Table 23 2D LIQUID CHROMATOGRAPHY SYSTEMS MARKET, BY REGION,  
2016–2023 (USD THOUSAND)

Table 24 2D LIQUID CHROMATOGRAPHY DETECTORS MARKET, BY TYPE,  
2016–2023 (USD THOUSAND)

Table 25 2D LIQUID CHROMATOGRAPHY DETECTORS MARKET, BY REGION,  
2016–2023 (USD THOUSAND)

Table 26 UV/UV-VISIBLE DETECTORS MARKET, BY REGION, 2016–2023 (USD  
THOUSAND)

Table 27 REFRACTIVE INDEX DETECTORS MARKET, BY REGION, 2016–2023  
(USD THOUSAND)

Table 28 FLUORESCENCE DETECTORS MARKET, BY REGION, 2016–2023 (USD  
THOUSAND)

Table 29 OTHER LIQUID CHROMATOGRAPHY DETECTORS MARKET, BY REGION,  
2016–2023 (USD THOUSAND)

Table 30 OTHER LIQUID CHROMATOGRAPHY INSTRUMENTS MARKET, BY  
REGION, 2016–2023 (USD THOUSAND)

Table 31 2D LIQUID CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE,  
2016–2023 (USD THOUSAND)

Table 32 2D LIQUID CHROMATOGRAPHY CONSUMABLES MARKET, BY REGION,  
2016–2023 (USD THOUSAND)

Table 33 2D LIQUID CHROMATOGRAPHY COLUMNS MARKET, BY TYPE,  
2016–2023 (USD THOUSAND)

Table 34 2D LIQUID CHROMATOGRAPHY COLUMNS MARKET, BY REGION,  
2016–2023 (USD THOUSAND)

Table 35 REVERSED-PHASE COLUMNS MARKET, BY REGION, 2016–2023 (USD  
THOUSAND)

Table 36 ION EXCHANGE COLUMNS MARKET, BY REGION, 2016–2023 (USD  
THOUSAND)

Table 37 SIZE-EXCLUSION COLUMNS MARKET, BY REGION, 2016–2023 (USD  
THOUSAND)

Table 38 NORMAL-PHASE/HYDROPHILIC INTERACTION COLUMNS MARKET, BY

REGION, 2016–2023 (USD THOUSAND)

Table 39 HYDROPHOBIC INTERACTION COLUMNS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 40 OTHER LIQUID CHROMATOGRAPHY COLUMNS MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 41 OTHER LIQUID CHROMATOGRAPHY CONSUMABLES MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 42 2D LIQUID CHROMATOGRAPHY ACCESSORIES MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 43 2D CHROMATOGRAPHY MARKET, BY APPLICATION, 2016–2023 (USD THOUSAND)

Table 44 2D CHROMATOGRAPHY MARKET FOR LIFE SCIENCE RESEARCH, BY TYPE, 2016–2023 (USD THOUSAND)

Table 45 2D CHROMATOGRAPHY MARKET FOR LIFE SCIENCE RESEARCH, BY REGION, 2016–2023 (USD THOUSAND)

Table 46 2D CHROMATOGRAPHY MARKET FOR PHARMACEUTICAL AND BIOPHARMACEUTICAL APPLICATIONS, BY REGION, 2016–2023 (USD THOUSAND)

Table 47 2D CHROMATOGRAPHY MARKET FOR BIOTECHNOLOGY APPLICATIONS, BY REGION, 2016–2023 (USD THOUSAND)

Table 48 2D CHROMATOGRAPHY MARKET FOR ENVIRONMENTAL ANALYSIS, BY REGION, 2016–2023 (USD THOUSAND)

Table 49 2D CHROMATOGRAPHY MARKET FOR FOOD AND BEVERAGE TESTING, BY REGION, 2016–2023 (USD THOUSAND)

Table 50 2D CHROMATOGRAPHY MARKET FOR PETROCHEMICAL AND NATURAL GAS ANALYSIS, BY REGION, 2016–2023 (USD THOUSAND)

Table 51 2D CHROMATOGRAPHY MARKET FOR OTHER APPLICATIONS, BY REGION, 2016–2023 (USD THOUSAND)

Table 52 2D CHROMATOGRAPHY MARKET, BY REGION, 2016–2023 (USD THOUSAND)

Table 53 NORTH AMERICA: 2D CHROMATOGRAPHY MARKET, BY COUNTRY, 2016–2023 (USD THOUSAND)

Table 54 NORTH AMERICA: 2D CHROMATOGRAPHY MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 55 NORTH AMERICA: 2D GAS CHROMATOGRAPHY MARKET, BY PRODUCT, 2016–2023 (USD THOUSAND)

Table 56 NORTH AMERICA: 2D GAS CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 57 NORTH AMERICA: 2D GAS CHROMATOGRAPHY DETECTORS MARKET,

BY TYPE, 2016–2023 (USD THOUSAND)

Table 58 NORTH AMERICA: 2D GAS CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 59 NORTH AMERICA: 2D LIQUID CHROMATOGRAPHY MARKET, BY PRODUCT, 2016–2023 (USD THOUSAND)

Table 60 NORTH AMERICA: 2D LIQUID CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 61 NORTH AMERICA: 2D LIQUID CHROMATOGRAPHY DETECTORS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 62 NORTH AMERICA: 2D LIQUID CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 63 NORTH AMERICA: 2D LIQUID CHROMATOGRAPHY COLUMNS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 64 NORTH AMERICA: 2D CHROMATOGRAPHY MARKET, BY APPLICATION, 2016–2023 (USD THOUSAND)

Table 65 NORTH AMERICA: LIFE SCIENCE RESEARCH APPLICATIONS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 66 FUNDING INITIATIVES TOWARDS RESEARCH ACTIVITIES IN LIFE SCIENCES

Table 67 US: 2D CHROMATOGRAPHY MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 68 US: 2D GAS CHROMATOGRAPHY MARKET, BY PRODUCT, 2016–2023 (USD THOUSAND)

Table 69 US: 2D GAS CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 70 US: 2D GAS CHROMATOGRAPHY DETECTORS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 71 US: 2D GAS CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 72 US: 2D LIQUID CHROMATOGRAPHY MARKET, BY PRODUCT, 2016–2023 (USD THOUSAND)

Table 73 US: 2D LIQUID CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 74 US: 2D LIQUID CHROMATOGRAPHY DETECTORS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 75 US: 2D LIQUID CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 76 US: 2D LIQUID CHROMATOGRAPHY COLUMNS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 77 US: 2D CHROMATOGRAPHY MARKET, BY APPLICATION, 2016–2023  
(USD THOUSAND)

Table 78 US: LIFE SCIENCE RESEARCH APPLICATIONS MARKET, BY TYPE,  
2016–2023 (USD THOUSAND)

Table 79 CANADA: 2D CHROMATOGRAPHY MARKET, BY TYPE, 2016–2023 (USD  
THOUSAND)

Table 80 CANADA: 2D GAS CHROMATOGRAPHY MARKET, BY PRODUCT,  
2016–2023 (USD THOUSAND)

Table 81 CANADA: 2D GAS CHROMATOGRAPHY INSTRUMENTS MARKET, BY  
TYPE, 2016–2023 (USD THOUSAND)

Table 82 CANADA: 2D GAS CHROMATOGRAPHY DETECTORS MARKET, BY TYPE,  
2016–2023 (USD THOUSAND)

Table 83 CANADA: 2D GAS CHROMATOGRAPHY CONSUMABLES MARKET, BY  
TYPE, 2016–2023 (USD THOUSAND)

Table 84 CANADA: 2D LIQUID CHROMATOGRAPHY MARKET, BY PRODUCT,  
2016–2023 (USD THOUSAND)

Table 85 CANADA: 2D LIQUID CHROMATOGRAPHY INSTRUMENTS MARKET, BY  
TYPE, 2016–2023 (USD THOUSAND)

Table 86 CANADA: 2D LIQUID CHROMATOGRAPHY DETECTORS MARKET, BY  
TYPE, 2016–2023 (USD THOUSAND)

Table 87 CANADA: 2D LIQUID CHROMATOGRAPHY CONSUMABLES MARKET, BY  
TYPE, 2016–2023 (USD THOUSAND)

Table 88 CANADA: 2D LIQUID CHROMATOGRAPHY COLUMNS MARKET, BY TYPE,  
2016–2023 (USD THOUSAND)

Table 89 CANADA: 2D CHROMATOGRAPHY MARKET, BY APPLICATION,  
2016–2023 (USD THOUSAND)

Table 90 CANADA: LIFE SCIENCE RESEARCH APPLICATIONS MARKET, BY TYPE,  
2016–2023 (USD THOUSAND)

Table 91 EUROPE: 2D CHROMATOGRAPHY MARKET, BY TYPE, 2016–2023 (USD  
THOUSAND)

Table 92 EUROPE: 2D GAS CHROMATOGRAPHY MARKET, BY PRODUCT,  
2016–2023 (USD THOUSAND)

Table 93 EUROPE: 2D GAS CHROMATOGRAPHY INSTRUMENTS MARKET, BY  
TYPE, 2016–2023 (USD THOUSAND)

Table 94 EUROPE: 2D GAS CHROMATOGRAPHY DETECTORS MARKET, BY TYPE,  
2016–2023 (USD THOUSAND)

Table 95 EUROPE: 2D GAS CHROMATOGRAPHY CONSUMABLES MARKET, BY  
TYPE, 2016–2023 (USD THOUSAND)

Table 96 EUROPE: 2D LIQUID CHROMATOGRAPHY MARKET, BY PRODUCT,



2016–2023 (USD THOUSAND)

Table 97 EUROPE: 2D LIQUID CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 98 EUROPE: 2D LIQUID CHROMATOGRAPHY DETECTORS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 99 EUROPE: 2D LIQUID CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 100 EUROPE: 2D LIQUID CHROMATOGRAPHY COLUMNS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 101 EUROPE: 2D CHROMATOGRAPHY MARKET, BY APPLICATION, 2016–2023 (USD THOUSAND)

Table 102 EUROPE: LIFE SCIENCE RESEARCH APPLICATIONS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 103 STUDY RESULTS REGARDING R&D EXPENDITURE OF 25 PHARMACEUTICAL COMPANIES

Table 104 ASIA PACIFIC: 2D CHROMATOGRAPHY MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 105 ASIA PACIFIC: 2D GAS CHROMATOGRAPHY MARKET, BY PRODUCT, 2016–2023 (USD THOUSAND)

Table 106 ASIA PACIFIC: 2D GAS CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 107 ASIA PACIFIC: 2D GAS CHROMATOGRAPHY DETECTORS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 108 ASIA PACIFIC: 2D GAS CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 109 ASIA PACIFIC: 2D LIQUID CHROMATOGRAPHY MARKET, BY PRODUCT, 2016–2023 (USD THOUSAND)

Table 110 ASIA PACIFIC: 2D LIQUID CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 111 ASIA PACIFIC: 2D LIQUID CHROMATOGRAPHY DETECTORS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 112 ASIA PACIFIC: 2D LIQUID CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 113 ASIA PACIFIC: 2D LIQUID CHROMATOGRAPHY COLUMNS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 114 ASIA PACIFIC: 2D CHROMATOGRAPHY MARKET, BY APPLICATION, 2016–2023 (USD THOUSAND)

Table 115 ASIA PACIFIC: LIFE SCIENCE RESEARCH APPLICATIONS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 116 REST OF THE WORLD: 2D CHROMATOGRAPHY MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 117 REST OF THE WORLD: 2D GAS CHROMATOGRAPHY MARKET, BY PRODUCT, 2016–2023 (USD THOUSAND)

Table 118 REST OF THE WORLD: 2D GAS CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 119 REST OF THE WORLD: 2D GAS CHROMATOGRAPHY DETECTORS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 120 REST OF THE WORLD: 2D GAS CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 121 REST OF THE WORLD: 2D LIQUID CHROMATOGRAPHY MARKET, BY PRODUCT, 2016–2023 (USD THOUSAND)

Table 122 REST OF THE WORLD: 2D LIQUID CHROMATOGRAPHY INSTRUMENTS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 123 REST OF THE WORLD: 2D LIQUID CHROMATOGRAPHY DETECTORS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 124 REST OF THE WORLD: 2D LIQUID CHROMATOGRAPHY CONSUMABLES MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 125 REST OF THE WORLD: 2D LIQUID CHROMATOGRAPHY COLUMNS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 126 REST OF THE WORLD: 2D CHROMATOGRAPHY MARKET, BY APPLICATION, 2016–2023 (USD THOUSAND)

Table 127 REST OF THE WORLD: LIFE SCIENCE RESEARCH APPLICATIONS MARKET, BY TYPE, 2016–2023 (USD THOUSAND)

Table 128 PRODUCT LAUNCHES AND APPROVALS

Table 129 EXPANSIONS

Table 130 AGREEMENTS AND PARTNERSHIPS

Table 131 ACQUISITIONS

## List Of Figures

### LIST OF FIGURES

Figure 1 2D CHROMATOGRAPHY MARKET: RESEARCH METHODOLOGY STEPS

Figure 2 BREAK DOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION

Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 5 DATA TRIANGULATION METHODOLOGY

Figure 6 2D GAS CHROMATOGRAPHY TO DOMINATE THE GLOBAL 2D CHROMATOGRAPHY MARKET IN 2018

Figure 7 2D GC INSTRUMENTS TO ACCOUNT FOR THE LARGEST SHARE OF THE 2D GAS CHROMATOGRAPHY MARKET IN 2018

Figure 8 2D GC SYSTEMS TO REGISTER THE HIGHEST GROWTH RATE OF THE 2D GAS CHROMATOGRAPHY INSTRUMENTS MARKET DURING 2018–2023

Figure 9 FLAME IONIZATION DETECTORS TO DOMINATE THE GLOBAL 2D GC DETECTORS MARKET (2018)

Figure 10 2D GC COLUMNS TO HOLD THE LARGEST SHARE OF THE 2D GC CONSUMABLES MARKET DURING THE FORECAST PERIOD

Figure 11 2D LC INSTRUMENTS TO WITNESS THE HIGHEST CAGR OF THE 2D LIQUID CHROMATOGRAPHY MARKET DURING THE FORECAST PERIOD

Figure 12 2D LC SYSTEMS TO DOMINATE THE 2D LC INSTRUMENTS MARKET IN 2018

Figure 13 UV/UV VISIBLE DETECTORS TO WITNESS THE HIGHEST GROWTH IN THE 2D LC DETECTORS MARKET DURING THE FORECAST PERIOD

Figure 14 2D LC COLUMNS TO DOMINATE THE 2D LC CONSUMABLES MARKET IN 2018

Figure 15 REVERSED-PHASE COLUMNS TO DOMINATE THE 2D LC COLUMNS MARKET IN 2023

Figure 16 LIFE SCIENCE RESEARCH IS EXPECTED TO ACCOUNT FOR THE LARGEST SHARE OF THE 2D CHROMATOGRAPHY APPLICATIONS MARKET IN 2018

Figure 17 PHARMACEUTICAL & BIOPHARMACEUTICAL APPLICATIONS TO DOMINATE THE 2D CHROMATOGRAPHY MARKET FOR LIFE SCIENCE RESEARCH

Figure 18 NORTH AMERICA IS SLATED TO WITNESS THE HIGHEST MARKET GROWTH DURING THE FORECAST PERIOD

Figure 19 R&D INVESTMENTS BY PHARMA COMPANIES AND RISING FOOD



SAFETY CONCERNS ARE DRIVING MARKET GROWTH

Figure 20 2D GAS CHROMATOGRAPHY TO DOMINATE THE MARKET IN 2018

Figure 21 FLAME IONIZATION DETECTORS SEGMENT DOMINATED THE MARKET IN 2018

Figure 22 2D LC SYSTEMS SEGMENT DOMINATED THE MARKET IN 2018

Figure 23 UV/VIS DETECTORS TO DOMINATE THE MARKET IN 2018

Figure 24 REVERSED-PHASE COLUMNS TO DOMINATE THE MARKET IN 2018

Figure 25 LIFE SCIENCE RESEARCH TO ACCOUNT FOR THE LARGEST MARKET SHARE IN 2018

Figure 26 NORTH AMERICA TO WITNESS THE HIGHEST GROWTH RATE DURING THE FORECAST PERIOD

Figure 27 2D GAS CHROMATOGRAPHY TO DOMINATE THE 2D CHROMATOGRAPHY MARKET IN 2018

Figure 28 LIFE SCIENCE RESEARCH APPLICATIONS TO DOMINATE THE 2D CHROMATOGRAPHY MARKET IN 2018

Figure 29 NORTH AMERICA TO COMMAND THE LARGEST SHARE OF THE MARKET IN 2018

Figure 30 NORTH AMERICA: 2D CHROMATOGRAPHY MARKET SNAPSHOT

Figure 31 EUROPE: 2D CHROMATOGRAPHY MARKET SNAPSHOT

Figure 32 ASIA PACIFIC: 2D CHROMATOGRAPHY MARKET SNAPSHOT

Figure 33 ROW: 2D CHROMATOGRAPHY MARKET SNAPSHOT

Figure 34 KEY DEVELOPMENTS IN THE 2D CHROMATOGRAPHY MARKET BETWEEN 2014 AND 2018

Figure 35 2D GAS CHROMATOGRAPHY MARKET RANK, BY KEY PLAYER, 2017

Figure 36 2D LIQUID CHROMATOGRAPHY MARKET RANK, BY KEY PLAYER, 2017

Figure 37 AGILENT TECHNOLOGIES: COMPANY SNAPSHOT (2017)

Figure 38 WATERS CORPORATION: COMPANY SNAPSHOT (2017)

Figure 39 SHIMADZU: COMPANY SNAPSHOT (2017)

Figure 40 THERMO FISHER SCIENTIFIC: COMPANY SNAPSHOT (2017)

Figure 41 BIO-RAD LABORATORIES: COMPANY SNAPSHOT (2017)

Figure 42 DANAHER: COMPANY SNAPSHOT (2016)

Figure 43 MERCK: COMPANY SNAPSHOT (2017)

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