

High-Performance Liquid Chromatography (HPLC): Global Market

Market Research Report | 2023-03-03 | 109 pages | BCC Research

AVAILABLE LICENSES:

- Single User License \$5500.00
- 2-5 Users License \$6600.00
- Site License \$7920.00
- Enterprise License \$9504.00

Report description:

Description

Report Scope:

This report aims to provide a comprehensive study of the global market for high-performance liquid chromatography (HPLC). It describes the different types of products used in HPLC and their current and historical market revenues.

In this report, the high-performance liquid chromatography (HPLC) market is segmented by product type, application, and region. Based on product type, the market is segmented into instruments, consumables, and accessories. Based on application type, the market is segmented into clinical research, diagnostics, forensics, and other applications. The market is segmented by region into North America, Europe, Asia-Pacific, and the Rest of the World (RoW).

However, this report does not cover high-performance liquid chromatography (HPLC) software, and ultra-performance liquid chromatography (UPLC).

For a more in-depth understanding of the market, the report includes profiles of major players and their market shares in the high-performance liquid chromatography (HPLC) market.

Report Includes:

- 36 tables
- An overview of the global market for High-Performance Liquid Chromatography (HPLC)
- Analyses of global market trends, with data from 2021, 2022, and projections of compound annual growth rates (CAGRs) through 2027

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com

- Highlights of the market potential for HPLC market by product type, application type, and region
- Description of HPLC types and discussion on role of HPLC in foods and beverages, pharmaceutical, and life science industries.
- Insight into the recent industry structure, regulations and policies, pipeline products, and the vendor landscape of the market leading participants
- Company profiles of the leading global players, including Agilent Technologies Inc., Bio-Rad Laboratories Inc., GE Healthcare, Merck KGaA and Thermo Fisher Scientific Inc.

Executive Summary

Summary:

High-performance liquid chromatography (HPLC) is the most popular analytical technique for a wide variety of samples, from typical biological compounds to those in polluted environments. HPLC is unique because of its features like pressure stable column, the constant and high linear velocity of the mobile phase, and most importantly the densely packed column with reduced particle size, less than 10 microns (less than 2 microns in UHPLC).

The global market for high-performance liquid chromatography (HPLC) was estimated to be REDACTED in 2021. It is projected that the high-performance liquid chromatography (HPLC) market will grow at a CAGR of REDACTED to reach REDACTED by 2027. Growth in this market is due to the rising importance of the HPLC tests in drug approvals, increasing pharmaceutical R&D spending, and the growing popularity of hyphenated techniques that have increased the reliability and robustness of liquid chromatography operations. However, the high cost of these devices and the lack of skilled professionals for operating these devices hinder market growth. Apart from drivers and restraints, increasing technological advancements are a huge opportunity for vendors in the market.

In this report, the global high-performance liquid chromatography (HPLC) market has been segmented based on product type, application, and geography. Based on product type, the high-performance liquid chromatography (HPLC) market is categorized into instruments, consumables, and accessories. Instruments currently dominate the market, and this segment was valued at REDACTED in 2021. It is estimated the instruments segment will grow at a CAGR of REDACTED to reach REDACTED in 2027. Based on application, the high-performance liquid chromatography (HPLC) market is segmented into clinical research, diagnostics, forensics, and others.

By geography, the high-performance liquid chromatography (HPLC) market is segmented into North America, Europe, Asia-Pacific, and the Rest of the World (RoW). The North American region is currently the dominant market for the global high-performance liquid chromatography (HPLC) market. In 2021, total revenue from North America's market for HPLC reached REDACTED, which is around REDACTED of the global market. The growing use of hyphenated procedures and rising pharmaceutical R&D spending are some of the key factors driving the North American market. Asia-Pacific is projected to be the fastest-growing market for high-performance liquid chromatography (HPLC) market globally. The Asia-Pacific market for HPLC was valued at REDACTED in 2021 and is projected to grow at a CAGR of REDACTED to reach REDACTED by 2027.

Table of Contents:

- Table of Contents
- Chapter 1 Introduction
 - 1.1 Study Goals and Objectives
 - 1.2 Reasons for Doing This Study
 - 1.3 Scope of Report
 - 1.4 Information Source
 - 1.5 Methodology

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 1.6 Geographic Breakdown
- 1.7 Analyst's Credentials
- 1.8 BCC Custom Research
- 1.9 Related BCC Research Reports
- Chapter 2 Summary and Highlights
- 2.1 Introduction
- Chapter 3 Market Definitions and Technology Background
- 3.1 Market Overview
 - 3.1.1 Classification of Chromatography based on Chromatographic Bed Shape
 - 3.1.2 Classification of Chromatography based on Physical State of Mobile Phase
 - 3.1.3 Classification of Chromatography based on Mechanism of Separation
 - 3.1.4 History of Liquid Chromatography (LC)
- 3.2 Components of HPLC
 - 3.2.1 Solvent Reservoir
 - 3.2.2 Auto Sampler
 - 3.2.3 HPLC Pumps
 - 3.2.4 HPLC Columns
 - 3.2.5 HPLC Detectors
- 3.3 Parameters of HPLC
 - 3.3.1 Internal Diameter
 - 3.3.2 Particle Size
 - 3.3.3 Pore Size
 - 3.3.4 Pump Pressure
- 3.4 Types of HPLC
 - 3.4.1 Normal Phase HPLC
 - 3.4.2 Reverse-Phase HPLC
 - 3.4.3 Size Exclusion HPLC
 - 3.4.4 Ion Exchange HPLC
 - 3.4.5 Bio-affinity Chromatography
- 3.5 Solvents used in HPLC
- 3.6 Buffers used in HPLC
- 3.7 Advantages of HPLC
- 3.8 Disadvantages of HPLC
- Chapter 4 Market Dynamics
- 4.1 Market Drivers
 - 4.1.1 Increasing Pharmaceutical R&D Spending
 - 4.1.2 Rising Importance of HPLC Tests in Drug Approvals
 - 4.1.3 Growing Popularity of Hyphenated Techniques
- 4.2 Market Restraints
 - 4.2.1 High Cost of HPLC Systems
 - 4.2.2 Lack of Skilled Professionals
- 4.3 Market Opportunities
 - 4.3.1 Technological Advancements in HPLC Techniques
- Chapter 5 Market Breakdown by Product Type
- 5.1 Introduction
- 5.2 Instruments
- 5.3 Consumables

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.4 Accessories
Chapter 6 Market Breakdown by Application
6.1 Introduction
6.2 Clinical Research
6.3 Diagnostics
6.4 Forensics
6.5 Other Applications
Chapter 7 Market Breakdown by Region
7.1 Market Overview and Discussion
7.2 North America
7.2.1 Countries
7.3 Europe
7.3.1 Countries
7.4 Asia-Pacific
7.4.1 Countries
7.5 Rest of the World
Chapter 8 Impact of the COVID-19 Pandemic
8.1 Introduction
8.2 Supply Disruptions
Chapter 9 Competitive Landscape
9.1 Industry Scenario
9.2 Market Shares
9.3 Recent News
Chapter 10 Company Profiles
AGILENT TECHNOLOGIES INC.
BIO-RAD LABORATORIES INC.
BRUKER CORP.
DANAHER CORP.
GILSON INC.
GE HEALTHCARE
HAMILTON CO.
HITACHI LTD.
JASCO
MERCK KGAA
NANOLOGICA AB
OROCHEM TECHNOLOGIES INC.
PERKIN ELMER INC.
RESONAC CORP.
RESTEK CORP.
SARTORIUS AG
SHIMADZU CORP.
SIELC
TRAJAN SCIENTIFIC AND MEDICAL
TOSOH CORP.
THERMO FISHER SCIENTIFIC INC.
WATERS CORP.
YMC CO. LTD.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

High-Performance Liquid Chromatography (HPLC): Global Market

Market Research Report | 2023-03-03 | 109 pages | BCC Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$5500.00
	2-5 Users License	\$6600.00
	Site License	\$7920.00
	Enterprise License	\$9504.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-06-09"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

