

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Chromatographs Market 2018, Forecast to 2023

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### **Abstracts**

Chromatography is a laboratory technique for the separation of a mixture. The mixture is dissolved in a fluid called the mobile phase, which carries it through a structure holding another material called the stationary phase. The various constituents of the mixture travel at different speeds, causing them to separate. The separation is based on differential partitioning between the mobile and stationary phases. Subtle differences in a compound's partition coefficient result in differential retention on the stationary phase and thus affect the separation. Process gas chromatography is used for separating and analyzing chemical compounds in the gas phase of industrial processes. Gas chromatograph instruments vaporize and distribute samples between a stationary and mobile phase, whereby a chemically inert gas carries molecules through a heated column.

### **SCOPE OF THE REPORT:**

This report focuses on the Chromatographs in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The worldwide market for Chromatographs is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

**AB SCIEX** 



AGC Instruments		
Agilent Technologies - Life Sciences and Chemical		
Angstrom Advanced		
Buck Scientific		
Dionex		
Emerson Automation Solutions - ROSEMOUNT		
Gilson international		
GOW-MAC Instrument Co		
LECO		
Malvern Panalytical		
Metrohm		
Mocon Inc.		
PerkinElmer (9)		
Shimadzu Europa		
Skyray Instrument		
Thermo Scientific - Scientific Instruments and Aut		
U-Therm International (H.K.) Limited		
Waters		

Market Segment by Regions, regional analysis covers



	North America (United States, Canada and Mexico)	
	Europe (Germany, France, UK, Russia and Italy)	
	Asia-Pacific (China, Japan, Korea, India and Southeast Asia)	
	South America (Brazil, Argentina, Colombia etc.)	
	Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)	
Market	Segment by Type, covers	
	Gas	
	Liquid	
	Ion	
	GPC	
	Others	
Market	Segment by Applications, can be divided into	
	Laboratory	
	Process	
	Gas	
	Chemical	
	For impurities analysis	
	Others	



There are 15 Chapters to deeply display the global Chromatographs market.

Chapter 1, to describe Chromatographs Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Chromatographs, with sales, revenue, and price of Chromatographs, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Chromatographs, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Chromatographs market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Chromatographs sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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