

# Global Flow Cells Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Flow Cells market size was valued at USD 321.1 million in 2023 and is forecast to a readjusted size of USD 695.6 million by 2030 with a CAGR of 11.7% during review period.

A sample and any standards are passed for detection through a flow cell before being measured or counted by electrometric or optical means. Flow cells are commonly used for cell counting and analysis, Chromatography, immunoassays, genetic sequencing, scattering, particle counting and so on.

For the major players of flow cells, the Thermo Fisher Scientific maintained its first place in the ranking in 2019, followed by Illumina, Agilent. The Top 3 players accounted for about 37% market share of the flow cells.

From the different types of flow cells, the glass & quartz type held the maximum market share with about 48% in 2019.

The Global Info Research report includes an overview of the development of the Flow Cells industry chain, the market status of Cell Counting and Analysis (Glass & Quartz, Metal), Chromatography (Glass & Quartz, Metal), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Flow Cells.

Regionally, the report analyzes the Flow Cells markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Flow Cells market, with robust domestic demand, supportive policies, and a strong

manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Flow Cells market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Flow Cells industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Glass & Quartz, Metal).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Flow Cells market.

**Regional Analysis:** The report involves examining the Flow Cells market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Flow Cells market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Flow Cells:

**Company Analysis:** Report covers individual Flow Cells manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Flow Cells This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Cell Counting and Analysis, Chromatography).

**Technology Analysis:** Report covers specific technologies relevant to Flow Cells. It assesses the current state, advancements, and potential future developments in Flow Cells areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Flow Cells market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

Flow Cells market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Market segment by Type

Glass & Quartz

Metal

Others

#### Market segment by Application

Cell Counting and Analysis

Chromatography

Immunoassays

Genetic Sequencing

Others

## Major players covered

Thermo Fisher Scientific

Illumina

Agilent

Oxford Nanopore Technologies

Hamamatsu Photonic

Shimadzu

PerkinElmer

FireflySci

Reichert Technologies (AMETEK)

Berthold Technologies

Hellma

Ocean Optics

Japan Cell

Starna Scientific

Micronit

PG Instruments

BioSurface Technologies Corporation (BST)

FIALab Instruments

## Specialty Glass Products

IBI Scientific

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Flow Cells product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Flow Cells, with price, sales, revenue and global market share of Flow Cells from 2019 to 2024.

Chapter 3, the Flow Cells competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Flow Cells breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017

to 2023.and Flow Cells market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Flow Cells.

Chapter 14 and 15, to describe Flow Cells sales channel, distributors, customers, research findings and conclusion.

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