

Global Cell Processing Instruments Market Size study, by Type (Cell Counters, Cell Imaging System, Flow Cytometers, Cell Separator System, Automated Cell Processing Systems, Other Instruments), by Application (Cell Isolation/Separation, Cell Imaging & Counting, Cell Viability & Proliferation, Other Applications), by End-Use and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/GBD8FEBA486FEN.html>

Date: June 2024

Pages: 200

Price: US\$ 3,218.00 (Single User License)

ID: GBD8FEBA486FEN

Abstracts

Global Cell Processing Instruments Market is valued at approximately USD 6.06 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 7.04 % over the forecast period 2024-2030. Global Cell Processing Instruments Market deals with producing and distributing tools for processing and manipulating cells for a range of uses. Numerous tools are available in the market for handling, analyzing, cultivating, and manipulating cells, including centrifuges, bioreactors, cell sorters, cell counts, and separators. The market facilitates the creation and distribution of cell-based medications for tools used in cell processing. Cell Processing Instrument Market is expanding rapidly due to innovation in cell-based research and the rising need for cell-based medicines.

Global Cell Processing Instruments Market has revolutionized the prognosis and diagnosis of illness. Cell processing instruments make it possible for scientists and medical experts to learn more about the causes of diseases, how they spread, and how patients react to various therapies. Chronic illnesses such as HIV/AIDS, cancer, and other infectious diseases are on the rise. As a result, there is an increasing need for efficient therapeutic solutions. One potential alternative for individualized and focused therapies is cell therapy. Treatments can be customized to a patient's specific biological

make-up by the extraction and modification of their cells, resulting in more efficient and focused illness care. However, in cell biology research, firm adherence to quality standards is accompanied by significant costs. This is a challenge for organizations and small companies that lack the funding to buy expensive research materials.

The key regions considered for the Global Cell Processing Instruments Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America is dominating the market for cell processing instruments. The North America market for cell processing instruments is expected to grow at the fastest CAGR over the forecast period, due to presence of large number of market players in the U.S., undergoing various strategic initiatives such as collaborations and partnerships. Many of the top manufacturers and research institutes for cell processing instruments are in the United States. The U.S. market is dominated by companies such as Terumo Corporation, Cytiva (GE Healthcare Life Sciences), Lonza, Merck KGaA, and Thermo Fisher Scientific. The concentration of large players encourages competition, innovation, and greater alternatives for academics and healthcare professionals in terms of instruments. The Asia Pacific region is the fastest growing region for Cell Processing Instruments Market.

Major market player included in this report are:

Danaher Corporation
Merck KGaA
Thermo Fisher Scientific Inc.
Agilent Technologies Inc.
Becton Dickinson
Bio-Rad Laboratories, Inc
Sartorius AG
Bio-Techne
Revvity Inc.
Miltenyi Biotec

The detailed segments and sub-segment of the market are explained below:

By Type
Cell Counters
Cell Imaging System
Flow Cytometers
Cell Separator System
Automated Cell Processing Systems

Other Instruments

By Application

- Cell Isolation/Separation
- Cell Imaging & Counting
- Cell Viability & Proliferation
- Other Applications

By End-Use

- Pharmaceuticals & Biotechnology Companies
- Cros & Cmos
- Academic & Research Institutes
- Others

By Region:

- North America
 - U.S.
 - Canada
- Europe
 - UK
 - Germany
 - France
 - Spain
 - Italy
 - ROE
- Asia Pacific
 - China
 - India
 - Japan
 - Australia
 - South Korea
 - RoAPAC
- Latin America
 - Brazil
 - Mexico
- Middle East & Africa
 - Saudi Arabia
 - South Africa
 - RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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