

Cell Counting Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028

Segmented By Product (Instruments (Spectrophotometers, Flow Cytometers, Hemocytometers, Automated cell counters, Microscopes, Others), Consumables & Accessories (Reagents, Microplates, Others)), By Application (Complete Blood Count (Automated, Manual), Stem Cell Research, Cell Based Therapeutics, Bioprocessing, Toxicology, Others), By End-use (Hospitals & Diagnostic Laboratories, Research & Academic Institutes, Pharmaceutical & Biotechnology Companies, Others), By Region, and By Competition

<https://marketpublishers.com/r/CD96B8EED7A3EN.html>

Date: January 2024

Pages: 188

Price: US\$ 4,900.00 (Single User License)

ID: CD96B8EED7A3EN

Abstracts

Global Cell Counting Market was valued at USD 8.19 billion in 2022 and is anticipated to project impressive growth in the forecast period with a CAGR of 8.00% through 2028. The increasing need for biologics in managing chronic and infectious ailments, the growing financial support for the biotechnology and biopharmaceutical sectors, and the advancements in cell-based research are contributing to the expansion of the market. The progress of biologics relies on the utilization of diverse cell counting tools like flow cytometers and spectrophotometers, which regulate cell concentration in biologics, thus fostering potential growth in this industry.

Key Market Drivers

Rising Demand for Biologics

The global cell counting market is experiencing a significant surge in growth, and one of the key driving forces behind this expansion is the rising demand for biologics.

Biologics, which include a wide range of therapeutic and diagnostic products derived from biological sources, such as antibodies, vaccines, and cellular therapies, have gained prominence in the world of healthcare. As the demand for biologics continues to rise, so does the need for accurate and efficient cell counting techniques, a development that is poised to propel the global cell counting market to new heights.

Biologics are revolutionizing the treatment of various medical conditions, including chronic diseases, infectious diseases, and cancer. These complex biological products have garnered attention for their efficacy and specificity in targeting disease pathways while minimizing side effects. As a result, pharmaceutical and biotechnology companies, as well as research institutions, are increasingly focusing on the development and production of biologics.

To create and maintain biologics, the precise counting and monitoring of cells are essential. Whether it's the cultivation of mammalian cells for monoclonal antibody production or the expansion of stem cells for regenerative medicine, cell counting is the linchpin in ensuring the quality, reproducibility, and safety of biologic products. Accurate cell counts are vital in controlling cell concentrations, optimizing growth conditions, and verifying cell viability throughout the biologics production process.

To meet the stringent demands of biologic production, cell counting instruments have evolved. Modern cell counters, such as flow cytometers, hemocytometers, and automated cell counters, are equipped with sophisticated features that provide higher accuracy, increased throughput, and reduced human error. This drives the adoption of such instruments not only in biopharmaceutical manufacturing but also in research and clinical laboratories.

The biopharmaceutical industry is witnessing substantial growth with a focus on biologics development. As more companies enter this arena, they require the latest cell counting technologies to ensure product quality and regulatory compliance. This demand has led to increased sales and innovation in the cell counting market.

The development of biologics is a research-intensive process. Researchers need reliable cell counting tools to support their investigations into cell behavior, proliferation,

and viability. As biologics research becomes more prominent, cell counting instruments become indispensable tools, boosting their market growth.

Biologics are not limited to therapeutic applications; they also play a crucial role in diagnostics, particularly in fields like immunology and oncology. Accurate cell counting is vital in diagnosing and monitoring disease conditions, further expanding the need for cell counting technologies.

Expanding Biotechnology and Biopharmaceutical Industries

The global cell counting market is on the brink of a substantial growth phase, largely driven by the expanding biotechnology and biopharmaceutical industries. These industries are at the forefront of scientific innovation and medical advancements, and their increasing demand for precise cell counting techniques is playing a pivotal role in shaping the future of the global cell counting market.

The biotechnology and biopharmaceutical industries have witnessed remarkable growth in recent years. These sectors are characterized by their focus on utilizing biological processes, systems, and organisms to develop new products and solutions that address a wide array of medical and scientific challenges. This expansion is being driven by several key factors, including increased R&D investment, a growing global population, and the increasing prevalence of chronic diseases.

The cultivation of cells for biopharmaceutical production requires precise control of cell concentration. This is vital to ensure high yields and product quality. Accurate cell counting is crucial at every stage, from clone selection to bioreactor monitoring. The production of biologics, including monoclonal antibodies, vaccines, and cellular therapies, necessitates rigorous quality control measures. Cell counting is integral to verifying cell viability, maintaining product consistency, and meeting regulatory standards. In the biotechnology and biopharmaceutical research and development process, researchers rely on cell counting to study cell behavior, assess cell health, and evaluate the impact of various factors on cell cultures. This data is crucial for optimizing processes and creating innovative therapies.

To meet the stringent requirements of biopharmaceutical manufacturing and research, advanced cell counting instruments are in high demand. Flow cytometers, automated cell counters, and other innovative tools are becoming standard equipment in laboratories and production facilities, driving the growth of the cell counting market. The growth of biotechnology and biopharmaceutical companies leads to the expansion of

the cell counting market. As these industries flourish, they create a substantial customer base for cell counting products, ensuring a steady stream of demand. The need for precision and efficiency in cell counting has spurred technological innovations in this field. As the biotechnology and biopharmaceutical sectors continue to push the boundaries of scientific discovery, cell counting technologies are evolving to meet their evolving requirements. The strict quality and regulatory standards imposed on biopharmaceutical products necessitate accurate and validated cell counting methods. This has led to greater emphasis on reliable cell counting solutions, fostering growth in the market.

Advances in Cell-Based Research

The global cell counting market is experiencing a remarkable surge in growth, largely attributed to the continuous advancements in cell-based research. As researchers delve deeper into the mysteries of cellular biology and explore the potential applications in fields such as regenerative medicine and drug development, the demand for precise and efficient cell counting techniques has never been greater.

Cell-based research has undergone significant transformations in recent years, driven by numerous factors including technological breakthroughs, increased funding for life sciences research, and a growing awareness of the potential of cellular therapies. This evolution has not only broadened our understanding of fundamental biological processes but has also paved the way for novel medical treatments and scientific discoveries.

Cell counting is a cornerstone of cell-based research, encompassing a wide range of applications including cell culture maintenance, cell proliferation studies, cell viability assessments, and more. Accurate cell counts are imperative to ensure the integrity and reliability of research findings and to maintain the health of cell cultures. As a result, the role of cell counting is becoming increasingly indispensable in the world of cellular and molecular biology.

To meet the precise demands of cell-based research, cutting-edge cell counting instruments are constantly being developed. Flow cytometers, imaging flow cytometry, automated cell counters, and other high-tech tools offer improved accuracy, enhanced data analysis capabilities, and high-throughput options. These innovations cater to the evolving needs of researchers in various domains. As cell-based research becomes increasingly central in the quest for scientific breakthroughs, cell counting instruments are becoming a common sight in research laboratories across the globe. Their ease of

use, accuracy, and speed are integral to the reliability and efficiency of experiments. The applications of cell-based research are continually expanding. Beyond basic scientific investigations, cell-based research plays a crucial role in drug discovery, cancer research, tissue engineering, and regenerative medicine. As these fields grow, the demand for advanced cell counting techniques grows in parallel. Cell-based research has made significant inroads into the realm of clinical diagnostics, particularly in areas such as hematology and immunology. The precise counting of blood cells and the characterization of immune cell populations are fundamental for accurate diagnoses and effective patient care. The pharmaceutical industry increasingly relies on cell-based assays and research to develop and test new drugs. Accurate cell counting is essential in screening potential drug candidates, evaluating their effects on cellular systems, and ensuring the safety and efficacy of pharmaceutical products.

Growth in Clinical Diagnostics

The global cell counting market is experiencing a significant upswing, and one of the primary drivers behind this growth is the expansion of clinical diagnostics. The use of cell counting is crucial in various clinical applications, playing a pivotal role in diagnostics, patient care, and medical research.

Clinical diagnostics involve the examination of patient samples, such as blood, urine, or tissue, to identify, diagnose, and monitor diseases or medical conditions. The continuous advancement of diagnostic techniques and the need for more precise, rapid, and cost-effective testing have fueled the growth of clinical diagnostics.

As the global population ages, the incidence of chronic diseases, which often require regular diagnostic testing, is on the rise. This demographic shift is a significant driver of clinical diagnostics. Emerging technologies, such as molecular diagnostics, point-of-care testing, and automation, are enhancing the accuracy and efficiency of diagnostic processes. Greater awareness of the importance of early disease detection and routine health check-ups has led to more frequent diagnostic testing. The emphasis on preventive healthcare has led to more regular health screenings, further boosting the demand for diagnostic services.

The complete blood count (CBC) is one of the most common tests in clinical diagnostics. It involves the enumeration of red blood cells, white blood cells, and platelets. Accurate cell counting is essential for diagnosing anemia, infections, and blood disorders. Immunological cell counting measures the number and percentage of different immune cell populations. These tests are critical for diagnosing autoimmune

diseases, immunodeficiencies, and monitoring viral infections such as HIV. In cancer diagnostics, cell counting is used to identify abnormal cells and determine the extent and severity of cancer. It aids in cancer staging and treatment planning. Rapid cell counting devices are increasingly being used at the point of care, enabling quick and reliable diagnosis and monitoring of various conditions.

Clinical laboratories require sophisticated cell counting instruments to perform accurate and timely tests. Automated hematology analyzers and flow cytometers are in high demand for their efficiency and accuracy. The expansion of clinical diagnostics has led to a broader adoption of cell counting instruments. They are now commonly found in hospitals, clinics, and diagnostic centers, further stimulating market growth. The demand for faster and more precise results in clinical diagnostics has driven innovation in cell counting technology. Newer instruments are equipped with advanced features for more comprehensive analysis. Cell counting is used not only for routine tests but also in specialized diagnostics, such as immunophenotyping and cancer biomarker research. This diversification of applications broadens the scope of the cell counting market.

Key Market Challenges

Technological Complexity

The complexity of cell counting technologies is a significant challenge. While advanced instruments provide precise cell counts and data analysis, they can be daunting for non-specialists. Ensuring user-friendly interfaces and accessible training is essential to make these technologies more widely adopted.

Cost Constraints

High-quality cell counting instruments can be expensive. This poses a challenge for smaller research institutions, clinics, and resource-limited settings. Striking a balance between affordability and accuracy is crucial to make cell counting accessible to a broader range of users.

Variability in Cell Types

Cell counting methods may not be universally applicable to all cell types. Variability in cell size, shape, and optical properties can make it challenging to obtain accurate counts using standard techniques. Developing adaptable methods that cater to diverse cell types is essential.

Key Market Trends

3D Cell Counting

The traditional 2D cell counting approach is being complemented by 3D cell counting. As 3D cell cultures gain importance in fields such as cancer research and drug development, cell counting methods are adapting to accurately quantify cells in three-dimensional structures. These advancements are essential for assessing cell viability, proliferation, and behavior in complex 3D environments.

Microfluidics for High-Throughput Cell Counting

Microfluidic technology is being increasingly used for high-throughput cell counting. These systems offer precise control over cell manipulation and analysis. Researchers and pharmaceutical companies are adopting microfluidic platforms to rapidly count and analyze large numbers of cells with minimal sample requirements.

Flow Cytometry for Single-Cell Analysis

Flow cytometry, traditionally used for bulk cell analysis, is now advancing into single-cell analysis. This trend allows for a more detailed understanding of cell populations and the ability to detect rare cell types. It is particularly important in immunology, cancer research, and personalized medicine.

Segmental Insights

Product Insights

Based on the category of Product, the consumables and accessories sector dominated the revenue landscape in 2022, and it is poised to exhibit the most rapid CAGR throughout the projected period. These consumables and accessories encompass various items such as reagents, microplates, magnetic beads, and chamber slides, all of which are used in conjunction with specific devices. The upswing in demand for these consumables and accessories can be attributed to their significant usage frequency. Additionally, the introduction of innovative products has been a driving force behind the growth of this segment. As an illustrative example, eNuvio launched a reusable 3D cell culture microplate in December 2020, with the expectation that scientists would reap both economic and scientific benefits from this environmentally friendly device for an

extended duration.

Furthermore, within this segment, the reagents sub-category claimed the largest portion of revenue in 2022. This substantial revenue share can be attributed to the recurring procurement of these products for applications in spectrophotometry, flow cytometry, and automated cell counting. The necessity for frequent recalibrations of these instruments before conducting experiments has bolstered their demand. Notably, Corning's automated Cell Counter simplifies this process by seamlessly connecting the device with a tablet or computer via the CytoSMART Cloud App. This system promptly generates summary reports after each count, which can be conveniently accessed remotely on various devices.

Application Insights

In 2022, the complete blood count (CBC) test emerged as the leader in terms of revenue generation. The CBC is among the most widely used diagnostic tests for assessing an individual's overall health. This test is employed to measure various crucial blood components, including red blood cells (RBC), white blood cells (WBC), hemoglobin, hematocrit, and platelets. The rising incidence of blood-related disorders such as anemia and leukemia is expected to drive growth in this segment, as the CBC test is commonly employed for monitoring these conditions. To illustrate, in July 2022, MicroBioSensor introduced QUICKCHECK, a medical device developed in collaboration with Smallfry. QUICKCHECK is a portable, rapid detection device that enables nurses to perform instant leukocyte count tests in a patient's home.

On the other hand, stem cell research is projected to experience the most rapid CAGR over the forecasted period. This remarkable growth can be attributed to the increasing demand for large-scale production of human stem cells for clinical and research purposes. Stem cells play a pivotal role in various fields, including regenerative medicine, cancer therapy, and transplantation. Automated devices have made it possible to accurately determine stem cell viability and the concentration of nucleated cells in cord blood or human bone marrow. Additionally, features like fluorescence imaging are increasingly utilized to quantify the efficiency of green fluorescent protein (GFP) for transfecting stem cell applications. In January 2023, Axion BioSystems announced the release of Omni Pro 12, a programmed solution designed to support multiple users in research and provide a live-cell analysis platform.

Regional Insights

In 2022, North America took the lead in terms of revenue share, primarily due to its heightened emphasis on biomedical and cancer research. The increasing prevalence of chronic diseases, including cardiovascular and blood-related conditions, stands out as a major factor expected to drive the adoption of these medical devices. According to the American National Red Cross, sickle cell disease affects 90,000 to 100,000 individuals in the United States.

Conversely, the Asia Pacific region is poised for the most rapid CAGR over the forecast period. This substantial growth can be attributed to the local presence of key clinical research and biopharmaceutical companies, as well as significant stem cell research activities in this area. Furthermore, the expanding geriatric population, which is highly vulnerable to chronic diseases, is a significant catalyst for market growth in the region. This demographic trend has led to an unprecedented surge in the adoption of these medical devices, driven by an increase in the number of annual clinical tests conducted for elderly patients. In May 2023, Sysmex, a prominent diagnostic solutions organization, announced the forthcoming launch of its Clinical Flow Cytometry System in Japan, following its introduction in Asia Pacific, North America, and Europe.

Back in June 2020, a fully automated biochemistry and hematology analyzer was inaugurated at Mon District Hospital in Nagaland, India. This hematology analyzer is employed for the analysis of white blood cells, red blood cells, and platelet counts.

Key Market Players

Thermo Fisher Scientific Inc

Merck KGaA

Agilent Technologies, Inc.

PerkinElmer Health Sciences Inc

Becton Dickinson & Co

Danaher Corp

Bio-Rad Laboratories Inc

BioTek Instruments Inc

GE Healthcare Inc

deNovis Inc

Report Scope:

In this report, the Global Cell Counting Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Cell Counting Market, By Product:

Instruments

Spectrophotometers

Flow Cytometers

Hemocytometers

Automated cell counters

Microscopes

Others

Consumables & Accessories

Reagents

Microplates

Others

Cell Counting Market, By Application:

Complete Blood Count

Automated

Manual

Stem Cell Research

Cell Based Therapeutics

Bioprocessing

Toxicology

Others

Cell Counting Market, By End-use:

Hospitals & Diagnostic Laboratories

Research & Academic Institutes

Pharmaceutical & Biotechnology Companies

Others

Cell Counting Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

United Kingdom

France

Italy

Spain

Asia-Pacific

China

Japan

India

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Cell Counting Market.

Available Customizations:

Global Cell Counting market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL CELL COUNTING MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Product (Instruments (Spectrophotometers, Flow Cytometers, Hemocytometers, Automated cell counters, Microscopes, Others), Consumables & Accessories (Reagents, Microplates, Others))

5.2.2. By Application (Complete Blood Count (Automated, Manual), Stem Cell Research, Cell Based Therapeutics, Bioprocessing, Toxicology, Others)

5.2.3. By End-use (Hospitals & Diagnostic Laboratories, Research & Academic Institutes, Pharmaceutical & Biotechnology Companies, Others)

5.2.4. By Region

5.2.5. By Company (2022)

5.3. Product Market Map

5.3.1. By Product

5.3.2. By Application

5.3.3. By End-use

5.3.4. By Region

6. NORTH AMERICA CELL COUNTING MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Product (Instruments (Spectrophotometers, Flow Cytometers, Hemocytometers, Automated cell counters, Microscopes, Others), Consumables & Accessories (Reagents, Microplates, Others))

6.2.2. By Application (Complete Blood Count (Automated, Manual), Stem Cell Research, Cell Based Therapeutics, Bioprocessing, Toxicology, Others)

6.2.3. By End-use (Hospitals & Diagnostic Laboratories, Research & Academic Institutes, Pharmaceutical & Biotechnology Companies, Others)

6.2.4. By Country

6.3. North America: Country Analysis

6.3.1. United States Cell Counting Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Product

6.3.1.2.2. By Application

6.3.1.2.3. By End-use

6.3.2. Canada Cell Counting Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Product

6.3.2.2.2. By Application

- 6.3.2.2.3. By End-use
- 6.3.3. Mexico Cell Counting Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Product
 - 6.3.3.2.2. By Application
 - 6.3.3.2.3. By End-use

7. EUROPE CELL COUNTING MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Product (Instruments (Spectrophotometers, Flow Cytometers, Hemocytometers, Automated cell counters, Microscopes, Others), Consumables & Accessories (Reagents, Microplates, Others))
 - 7.2.2. By Application (Complete Blood Count (Automated, Manual), Stem Cell Research, Cell Based Therapeutics, Bioprocessing, Toxicology, Others)
 - 7.2.3. By End-use (Hospitals & Diagnostic Laboratories, Research & Academic Institutes, Pharmaceutical & Biotechnology Companies, Others)
 - 7.2.4. By Country
- 7.3. Europe: Country Analysis
 - 7.3.1. Germany Cell Counting Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Product
 - 7.3.1.2.2. By Application
 - 7.3.1.2.3. By End-use
 - 7.3.2. United Kingdom Cell Counting Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Product
 - 7.3.2.2.2. By Application
 - 7.3.2.2.3. By End-use
 - 7.3.3. France Cell Counting Market Outlook
 - 7.3.3.1. Market Size & Forecast

- 7.3.3.1.1. By Value
- 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Product
 - 7.3.3.2.2. By Application
 - 7.3.3.2.3. By End-use
- 7.3.4. Italy Cell Counting Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Product
 - 7.3.4.2.2. By Application
 - 7.3.4.2.3. By End-use
- 7.3.5. Spain Cell Counting Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value
 - 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Product
 - 7.3.5.2.2. By Application
 - 7.3.5.2.3. By End-use

8. ASIA-PACIFIC CELL COUNTING MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Product (Instruments (Spectrophotometers, Flow Cytometers, Hemocytometers, Automated cell counters, Microscopes, Others), Consumables & Accessories (Reagents, Microplates, Others))
 - 8.2.2. By Application (Complete Blood Count (Automated, Manual), Stem Cell Research, Cell Based Therapeutics, Bioprocessing, Toxicology, Others)
 - 8.2.3. By End-use (Hospitals & Diagnostic Laboratories, Research & Academic Institutes, Pharmaceutical & Biotechnology Companies, Others)
 - 8.2.4. By Country
- 8.3. Asia-Pacific: Country Analysis
 - 8.3.1. China Cell Counting Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Product

- 8.3.1.2.2. By Application
- 8.3.1.2.3. By End-use
- 8.3.2. Japan Cell Counting Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Product
 - 8.3.2.2.2. By Application
 - 8.3.2.2.3. By End-use
- 8.3.3. India Cell Counting Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Product
 - 8.3.3.2.2. By Application
 - 8.3.3.2.3. By End-use
- 8.3.4. Australia Cell Counting Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Product
 - 8.3.4.2.2. By Application
 - 8.3.4.2.3. By End-use
- 8.3.5. South Korea Cell Counting Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Product
 - 8.3.5.2.2. By Application
 - 8.3.5.2.3. By End-use

9. SOUTH AMERICA CELL COUNTING MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Product (Instruments (Spectrophotometers, Flow Cytometers, Hemocytometers, Automated cell counters, Microscopes, Others), Consumables & Accessories (Reagents, Microplates, Others))

9.2.2. By Application (Complete Blood Count (Automated, Manual), Stem Cell Research, Cell Based Therapeutics, Bioprocessing, Toxicology, Others)

9.2.3. By End-use (Hospitals & Diagnostic Laboratories, Research & Academic Institutes, Pharmaceutical & Biotechnology Companies, Others)

9.2.4. By Country

9.3. South America: Country Analysis

9.3.1. Brazil Cell Counting Market Outlook

9.3.1.1. Market Size & Forecast

9.3.1.1.1. By Value

9.3.1.2. Market Share & Forecast

9.3.1.2.1. By Product

9.3.1.2.2. By Application

9.3.1.2.3. By End-use

9.3.2. Argentina Cell Counting Market Outlook

9.3.2.1. Market Size & Forecast

9.3.2.1.1. By Value

9.3.2.2. Market Share & Forecast

9.3.2.2.1. By Product

9.3.2.2.2. By Application

9.3.2.2.3. By End-use

9.3.3. Colombia Cell Counting Market Outlook

9.3.3.1. Market Size & Forecast

9.3.3.1.1. By Value

9.3.3.2. Market Share & Forecast

9.3.3.2.1. By Product

9.3.3.2.2. By Application

9.3.3.2.3. By End-use

10. MIDDLE EAST AND AFRICA CELL COUNTING MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Product (Instruments (Spectrophotometers, Flow Cytometers, Hemocytometers, Automated cell counters, Microscopes, Others), Consumables & Accessories (Reagents, Microplates, Others))

10.2.2. By Application (Complete Blood Count (Automated, Manual), Stem Cell Research, Cell Based Therapeutics, Bioprocessing, Toxicology, Others)

10.2.3. By End-use (Hospitals & Diagnostic Laboratories, Research & Academic

Institutes, Pharmaceutical & Biotechnology Companies, Others)

10.2.4. By Country

10.3. MEA: Country Analysis

10.3.1. South Africa Cell Counting Market Outlook

10.3.1.1. Market Size & Forecast

10.3.1.1.1. By Value

10.3.1.2. Market Share & Forecast

10.3.1.2.1. By Product

10.3.1.2.2. By Application

10.3.1.2.3. By End-use

10.3.2. Saudi Arabia Cell Counting Market Outlook

10.3.2.1. Market Size & Forecast

10.3.2.1.1. By Value

10.3.2.2. Market Share & Forecast

10.3.2.2.1. By Product

10.3.2.2.2. By Application

10.3.2.2.3. By End-use

10.3.3. UAE Cell Counting Market Outlook

10.3.3.1. Market Size & Forecast

10.3.3.1.1. By Value

10.3.3.2. Market Share & Forecast

10.3.3.2.1. By Product

10.3.3.2.2. By Application

10.3.3.2.3. By End-use

10.3.4. Kuwait Cell Counting Market Outlook

10.3.4.1. Market Size & Forecast

10.3.4.1.1. By Value

10.3.4.2. Market Share & Forecast

10.3.4.2.1. By Product

10.3.4.2.2. By Application

10.3.4.2.3. By End-use

11. MARKET DYNAMICS

11.1. Drivers

11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Recent Development
- 12.2. Mergers & Acquisitions
- 12.3. Product Launches

13. PORTER'S FIVE FORCES ANALYSIS

- 13.1. Competition in the Industry
- 13.2. Potential of New Entrants
- 13.3. Power of Suppliers
- 13.4. Power of Customers
- 13.5. Threat of Substitute Products

14. COMPETITIVE LANDSCAPE

- 14.1. Thermo Fisher Scientific Inc
 - 14.1.1. Business Overview
 - 14.1.2. Product Offerings
 - 14.1.3. Recent Developments
 - 14.1.4. Financials (As Reported)
 - 14.1.5. Key Personnel
 - 14.1.6. SWOT Analysis
- 14.2. Merck KGaA
- 14.3. Agilent Technologies, Inc.
- 14.4. PerkinElmer Health Sciences Inc
- 14.5. Becton Dickinson & Co
- 14.6. Danaher Corp
- 14.7. Bio-Rad Laboratories Inc
- 14.8. BioTek Instruments Inc
- 14.9. GE Healthcare Inc
- 14.10. deNovis Inc

15. STRATEGIC RECOMMENDATIONS

16. ABOUT US & DISCLAIMER

I would like to order

Product name: Cell Counting Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Product (Instruments (Spectrophotometers, Flow Cytometers, Hemocytometers, Automated cell counters, Microscopes, Others), Consumables & Accessories (Reagents, Microplates, Others)), By Application (Complete Blood Count (Automated, Manual), Stem Cell Research, Cell Based Therapeutics, Bioprocessing, Toxicology, Others), By End-use (Hospitals & Diagnostic Laboratories, Research & Academic Institutes, Pharmaceutical & Biotechnology Companies, Others), By Region, and By Competition

Product link: <https://marketpublishers.com/r/CD96B8EED7A3EN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/CD96B8EED7A3EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970