

Cell Counting Market is estimated to be 19.7 Billion by 2029 with a CAGR of 6.6% - By PMI

The report "Cell Counting Market, By Product, By End-user - Trends, Analysis and Forecast till 2029".

COVINA, CALIFORNIA, UNITED STATE, March 17, 2023 /EINPresswire.com/ -- [Cell Counting Market](#) refers to the industry that produces and sells equipment and reagents used to count cells. Cell counting is a critical step in many life science applications, including cell culture, drug development, and cancer research.

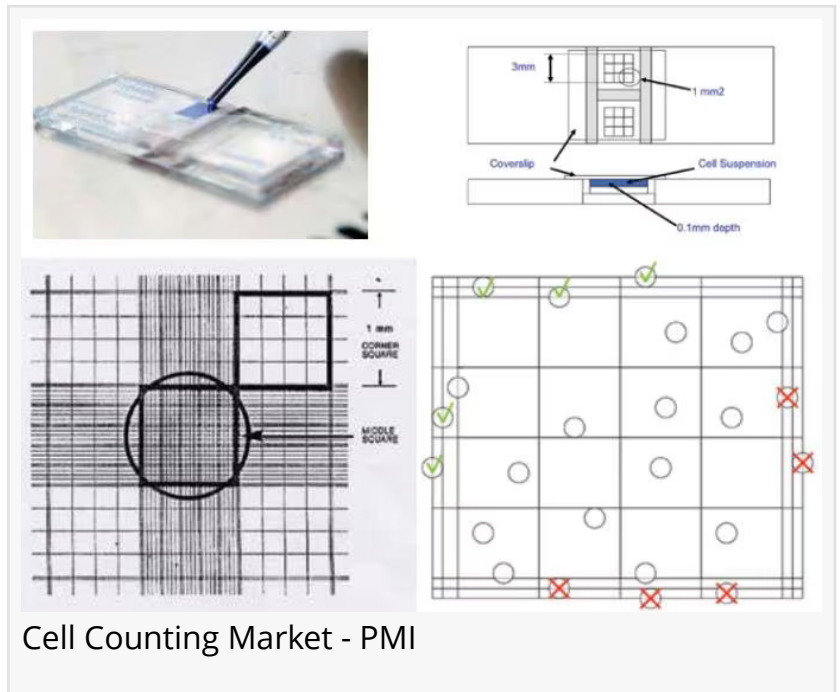
Cell counting is the process of determining the number of cells in a sample. It can be done manually using a hemocytometer or automated using specialized equipment. Cell counting equipment may use a variety of methods to count cells, including optical, electrical, and impedance-based methods.

Competitive Landscape:

The prominent player operating in the global pharmaceutical membrane filtration technologies market includes:

- Danaher Corporation
- Thermo Fisher Scientific Inc.
- Becton
- Dickinson and Company
- Merck KGaA
- Bio-Rad Laboratories

The market provides detailed information regarding the industrial base, productivity, strengths, manufacturers, and recent trends which will help companies enlarge the businesses and promote financial growth. Furthermore, the report exhibits dynamic factors including segments,



Cell Counting Market - PMI

sub-segments, regional marketplaces, competition, dominant key players, and market forecasts. In addition, the market includes recent collaborations, mergers, acquisitions, and partnerships along with regulatory frameworks across different regions impacting the market trajectory. Recent technological advances and innovations influencing the global market are included in the report.

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Key Highlights:

- DeNovix Inc. is pleased to announce that the winner of their recent competition to receive a donation of a unique, pink Cell Drop Automated Cell Counter is Beth Kahkonen, from the University of Pittsburgh, USA. Selected at random from thousands of entries from scientists worldwide, the CellDrop will be housed in the University's Division of Pulmonary, Allergy, and Critical Care Medicine.
- HORIBA UK Ltd, Medical has introduced a new automated digital cell morphology solution in collaboration with CellaVision to help hematology laboratories.

Key Market Insights from the report:

The global cell counting market accounted for US\$ 11.1 billion in 2020 and is estimated to be US\$ 19.7 billion by 2029 and is anticipated to register a CAGR of 6.6%. The market report has been segmented on the basis of product, application, and region.

- Based on the product the global market is segmented into instruments and consumables & accessories. The instruments segment is further sub segmented as spectrometers, flow cytometers, hematology analyzers and cell counters. Similarly, the consumables & accessories is segmented as kits and reagents, accessories and others. Spectrophotometers are predicted to hold the largest market share due to its capability to measure different intensities of light accuracy and its applications in bioprocessing, therapeutics, and research.
- Based on the application, the market is bifurcated into research institutes, hospitals & diagnostic laboratories, pharmaceutical & biotechnology companies, and others. Hospitals & Diagnostic Laboratories are anticipated to have the highest CAGR in the forecast period. The factors can be attributed to the rising pharmaceutical R&D expenditure and increasing regulatory approvals for cell culture-based vaccines.
- By region, North America is anticipated to dominate the cell counting market followed by Europe in the global scenario leads to various technological developments in the healthcare industry and rising research activities in the cytology with more funds available by the government. Asia Pacific market is expected to witness significant growth rate during the

forecast period owing to the opportunities in the emerging economies and increasing R&D expenditures for the healthcare sectors.

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Some Important Points Answered in this Market Report Are Given Below:

- Explains an overview of the product portfolio, including product development, planning, and positioning
- Explains details about key operational strategies with a focus on R&D strategies, corporate structure, localization strategies, production capabilities, and financial performance of various companies.
- Detailed analysis of the market revenue over the forecasted period.
- Examining various outlooks of the market with the help of Porter's five forces analysis, PEST & SWOT Analysis.
- Study on the segments that are anticipated to dominate the market.
- Study on the regional analysis that is expected to register the highest growth over the forecast period

Analyst View:

Increasing developments in cell counting instruments

Global cell counting market primarily attributed to the major drivers in this market such as the increased need for non-invasive diagnosis, advancements in single cell sequencing technique, and increase in adoption of personalized medicine. These individualized care regimes are improving quality of life of the patients and reducing economic, societal, and clinical burden, projecting a future of prosperity.

The applications of single cell multi-omics primarily include oncology, cell biology, neurology, stem cell and immunology, among others. Aside from the discovery of effective biomarkers for the development of efficient targeted drug therapy, single cell approach also facilitates gene expression and protein expression analyses in an individual cell. Research and academic organizations, biotechnology and biopharmaceutical companies, and diagnostic centers, among others, are prominent end users of single cell multi-omics solutions.

Growing cell counting industry

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The Cell Counting Market is driven by the increasing demand for cell-based assays in drug discovery and research activities, as well as the growing prevalence of cancer and other chronic diseases. Other factors driving the growth of the market include advancements in imaging and analysis technologies and increasing investment in research and development activities.

Report Scope:

1. Cell Counting Market, By Product, 2019 – 2029, (US\$ Mn)

o Instruments

- Market Value and Forecast (US\$ Mn), and Share Analysis (%), 2020 – 2029
- Y-o-Y Growth Analysis (%), 2019 – 2029
- Segment Trends

o Consumables & Accessories

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2029

2. Global Cell Counting Market, By End User, 2019 – 2029, (US\$ Mn)

o Research & Academic Institutes

- Market Value and Forecast (US\$ Mn), and Share Analysis (%), 2020 – 2029
- Y-o-Y Growth Analysis (%), 2019 – 2029
- Segment Trends

o Hospitals & Diagnostic Labs

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2029

o Biotechnology & Pharmaceutical Companies

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2029

o Others

- Overview
- Market Size and Forecast (US\$ Mn), and Y-o-Y Growth (%), 2020 – 2029

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Some Other Related Topics:

[Interventional Oncology Devices Market](#), By Product (Embolization Devices, Ablation Devices, and Support Devices), By Procedure (Thermal Tumor Ablation, Non-Thermal Tumor Ablation, Transcatheter Arterial Chemoembolization, Transcatheter Arterial Radioembolization/Selective Internal Radiation Therapy, and Trans catheter Arterial Embolization/Bland Embolization), By Cancer (Liver Cancer, Lung Cancer, Bone Cancer, and Kidney Cancer), and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends, Analysis and Forecast till 2030

[Blood Glucose Monitoring Devices Market](#), By Glucose Monitoring System (Self-Monitoring Glucose Monitoring Device (Blood Glucose Meter, Blood Glucose Testing Strip, and Lancet), Continuous Glucose Monitoring Device, and Others), By End User (Hospital/Clinic, Diagnostic Labs, and Home Setting), and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends, Analysis and Forecast till 2030

Shweta Raskar

Prophecy Market Insights

+1 860-531-2701

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