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Global High Content Screening Market Size study, By Product (Instruments, Consumables, Software, Services, Accessories), By Application (Target Identification and Validation, Primary Screening and Secondary Screening, Toxicity Studies, Compound Profiling, Other Applications), By End User (Pharmaceutical and Biotechnology Companies, Academic and Government Institutes, Contract Research Organizations (CROs)), and Regional Forecasts 2022-2028

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Abstracts

Global High Content Screening Market is valued approximately USD 824.58 million in 2021 and is anticipated to grow with a healthy growth rate of more than 10.3% over the forecast period 2022-2028.
High-content screening is also known commonly as cell omics or high-content analysis. It is a procedure that is majorly used to detect substances such as RNAi, peptides, or small molecules, which modifies a cell's phenotype in an ideal way during drug discovery and biological research. In this method, cells are initially created with the substance and after a point of time, measures, and molecular components of the cells are analyzed. The growing public and private investments in emerging markets, rising developments in informatics solutions and imaging instruments, availability of government funding, coupled with the thriving growth of the pharmaceutical sector are the primary factors that are stimulating the global market growth. For instance, as per India Brand Equity Foundation, 2018, the Indian government intended to invest USD 640 million in funds for increasing the drug discovery and pharmaceutical infrastructure.

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The initiative ‘Pharma Vision 2020’ of the Indian Government aimed to create India as a leading hub for drug discovery. Thereby, rising government investments for the drug discovery and development of the pharmaceutical sector are surging the market demand. However, high prices of HCS instruments and lack of knowledge, and shortage of skilled operators of HCS instruments impede the growth of the market over the forecast period of 2022-2028. Also, the increasing number of CROs providing HCS services and rising application of HCS in personalized medicine is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global High Content Screening market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the region's developments of novel technologies, and R&D expenditure. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the increasing number of government initiatives, and rising investments in research activities for drug discovery would create lucrative growth prospects for the High Content Screening market across the Asia-Pacific region.

Major market players included in this report are:
GE Healthcare
Danaher Corporation
Thermo Fisher Scientific, Inc.
PerkinElmer, Inc.
Tecan Group
BioTek Instruments Inc.
Becton, Dickinson and Company
Bio-Rad Laboratories Inc.
Yokogawa Electric Corporation
Merck Millipore

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

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By Product
Instruments
Consumables
Software
Services
Accessories
By Application
Target Identification and Validation
Primary Screening and Secondary Screening
Toxicity Studies
Compound Profiling
Other Applications
By End User
Pharmaceutical and Biotechnology Companies
Academic and Government Institutes
Contract Research Organizations (CROs)
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
Rest of the World

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Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global High Content Screening Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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Contents

CHAPTER 1. EXECUTIVE SUMMARY

1.1. Market Snapshot
1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Million)
  1.2.1. Global High Content Screening Market, by Region, 2020-2028 (USD Million)
  1.2.2. Global High Content Screening Market, by Product, 2020-2028 (USD Million)
  1.2.3. Global High Content Screening Market, by Application, 2020-2028 (USD Million)
  1.2.4. Global High Content Screening Market, by End User, 2020-2028 (USD Million)
1.3. Key Trends
1.4. Estimation Methodology
1.5. Research Assumption

CHAPTER 2. GLOBAL HIGH CONTENT SCREENING MARKET DEFINITION AND SCOPE

2.1. Objective of the Study
2.2. Market Definition & Scope
  2.2.1. Scope of the Study
  2.2.2. Industry Evolution
2.3. Years Considered for the Study
2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL HIGH CONTENT SCREENING MARKET DYNAMICS

3.1. High Content Screening Market Impact Analysis (2020-2028)
  3.1.1. Market Drivers
    3.1.1.1. Increasing public and private investments in emerging markets
    3.1.1.2. Rising developments in the informatics solutions and imaging instruments
  3.1.2. Market Challenges
    3.1.2.1. High prices of HCS instruments
    3.1.2.2. Lack of knowledgeable and shortage of skilled operators of HCS instruments
  3.1.3. Market Opportunities
    3.1.3.1. Increasing number of CROs providing HCS services
    3.1.3.2. Rising application of HCS in personalized medicine

CHAPTER 4. GLOBAL HIGH CONTENT SCREENING MARKET INDUSTRY ANALYSIS

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4.1. Porter’s 5 Force Model
4.1.1. Bargaining Power of Suppliers
4.1.2. Bargaining Power of Buyers
4.1.3. Threat of New Entrants
4.1.4. Threat of Substitutes
4.1.5. Competitive Rivalry
4.1.6. Futuristic Approach to Porter’s 5 Force Model (2019-2028)
4.2. PEST Analysis
4.2.1. Political
4.2.2. Economical
4.2.3. Social
4.2.4. Technological
4.3. Investment Adoption Model
4.4. Analyst Recommendation & Conclusion
4.5. Top investment opportunity
4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

5.1.1. Assessment of the overall impact of COVID-19 on the industry
5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL HIGH CONTENT SCREENING MARKET, BY PRODUCT

6.1. Market Snapshot
6.2. Global High Content Screening Market by Product, Performance - Potential Analysis
6.3. Global High Content Screening Market Estimates & Forecasts by Product 2019-2028 (USD Million)
6.4. High Content Screening Market, Sub Segment Analysis
6.4.1. Instruments
6.4.2. Consumables
6.4.3. Software
6.4.4. Services
6.4.5. Accessories

CHAPTER 7. GLOBAL HIGH CONTENT SCREENING MARKET, BY APPLICATION

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info@marketpublishers.com

7.1. Market Snapshot
7.2. Global High Content Screening Market by Application, Performance - Potential Analysis
7.3. Global High Content Screening Market Estimates & Forecasts by Application 2019-2028 (USD Million)
7.4. High Content Screening Market, Sub Segment Analysis
  7.4.1. Target Identification and Validation
  7.4.2. Primary Screening and Secondary Screening
  7.4.3. Toxicity Studies
  7.4.4. Compound Profiling
  7.4.5. Other Applications

CHAPTER 8. GLOBAL HIGH CONTENT SCREENING MARKET, BY END USER

8.1. Market Snapshot
8.2. Global High Content Screening Market by End User, Performance - Potential Analysis
8.3. Global High Content Screening Market Estimates & Forecasts by End User 2019-2028 (USD Million)
8.4. High Content Screening Market, Sub Segment Analysis
  8.4.1. Pharmaceutical and Biotechnology Companies
  8.4.2. Academic and Government Institutes
  8.4.3. Contract Research Organizations (CROs)

CHAPTER 9. GLOBAL HIGH CONTENT SCREENING MARKET, REGIONAL ANALYSIS

9.1. High Content Screening Market, Regional Market Snapshot
9.2. North America High Content Screening Market
  9.2.1. U.S. High Content Screening Market
    9.2.1.1. Product estimates & forecasts, 2019-2028
    9.2.1.2. Application estimates & forecasts, 2019-2028
    9.2.1.3. End User estimates & forecasts, 2019-2028
  9.2.2. Canada High Content Screening Market
9.3. Europe High Content Screening Market Snapshot
  9.3.1. U.K. High Content Screening Market
  9.3.2. Germany High Content Screening Market
  9.3.3. France High Content Screening Market
  9.3.4. Spain High Content Screening Market

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9.3.5. Italy High Content Screening Market
9.3.6. Rest of Europe High Content Screening Market
9.4. Asia-Pacific High Content Screening Market Snapshot
9.4.1. China High Content Screening Market
9.4.2. India High Content Screening Market
9.4.3. Japan High Content Screening Market
9.4.4. Australia High Content Screening Market
9.4.5. South Korea High Content Screening Market
9.4.6. Rest of Asia Pacific High Content Screening Market
9.5. Latin America High Content Screening Market Snapshot
9.5.1. Brazil High Content Screening Market
9.5.2. Mexico High Content Screening Market
9.6. Rest of The World High Content Screening Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

10.1. Top Market Strategies
10.2. Company Profiles
10.2.1. GE Healthcare
10.2.1.1. Key Information
10.2.1.2. Overview
10.2.1.3. Financial (Subject to Data Availability)
10.2.1.4. Product Summary
10.2.1.5. Recent Developments
10.2.2. Danaher Corporation
10.2.3. Thermo Fisher Scientific, Inc.
10.2.4. PerkinElmer, Inc.
10.2.5. Tecan Group
10.2.6. BioTek Instruments Inc.
10.2.7. Becton, Dickinson and Company
10.2.8. Bio-Rad Laboratories Inc.
10.2.9. Yokogawa Electric Corporation
10.2.10. Merck Millipore

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process
11.1.1. Data Mining
11.1.2. Analysis

+44 20 8123 2220
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11.1.3. Market Estimation
11.1.4. Validation
11.1.5. Publishing
11.2. Research Attributes
11.3. Research Assumption

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List Of Tables

LIST OF TABLES

TABLE 1. Global High Content Screening Market, report scope
TABLE 2. Global High Content Screening Market estimates & forecasts by Region 2019-2028 (USD Million)
TABLE 3. Global High Content Screening Market estimates & forecasts by Product 2019-2028 (USD Million)
TABLE 4. Global High Content Screening Market estimates & forecasts by Application 2019-2028 (USD Million)
TABLE 5. Global High Content Screening Market estimates & forecasts by End User 2019-2028 (USD Million)
TABLE 6. Global High Content Screening Market by segment, estimates & forecasts, 2019-2028 (USD Million)
TABLE 7. Global High Content Screening Market by region, estimates & forecasts, 2019-2028 (USD Million)
TABLE 8. Global High Content Screening Market by segment, estimates & forecasts, 2019-2028 (USD Million)
TABLE 9. Global High Content Screening Market by region, estimates & forecasts, 2019-2028 (USD Million)
TABLE 10. Global High Content Screening Market by segment, estimates & forecasts, 2019-2028 (USD Million)
TABLE 11. Global High Content Screening Market by region, estimates & forecasts, 2019-2028 (USD Million)
TABLE 12. Global High Content Screening Market by segment, estimates & forecasts, 2019-2028 (USD Million)
TABLE 13. Global High Content Screening Market by region, estimates & forecasts, 2019-2028 (USD Million)
TABLE 14. Global High Content Screening Market by segment, estimates & forecasts, 2019-2028 (USD Million)
TABLE 15. Global High Content Screening Market by region, estimates & forecasts, 2019-2028 (USD Million)
TABLE 16. U.S. High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 17. U.S. High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 18. U.S. High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)

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TABLE 19. Canada High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 20. Canada High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 21. Canada High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 22. UK High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 23. UK High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 24. UK High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 25. Germany High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 26. Germany High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 27. Germany High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 28. RoE High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 29. RoE High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 30. RoE High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 31. China High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 32. China High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 33. China High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 34. India High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 35. India High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 36. India High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 37. Japan High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 38. Japan High Content Screening Market estimates & forecasts by segment

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2019-2028 (USD Million)
TABLE 39. Japan High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 40. RoAPAC High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 41. RoAPAC High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 42. RoAPAC High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 43. Brazil High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 44. Brazil High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 45. Brazil High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 46. Mexico High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 47. Mexico High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 48. Mexico High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 49. RoLA High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 50. RoLA High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 51. RoLA High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 52. Row High Content Screening Market estimates & forecasts, 2019-2028 (USD Million)
TABLE 53. Row High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 54. Row High Content Screening Market estimates & forecasts by segment 2019-2028 (USD Million)
TABLE 55. List of secondary sources, used in the study of global High Content Screening Market
TABLE 56. List of primary sources, used in the study of global High Content Screening Market
TABLE 57. Years considered for the study
TABLE 58. Exchange rates considered

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List Of Figures

LIST OF FIGURES

FIG 1. Global High Content Screening Market, research methodology
FIG 2. Global High Content Screening Market, market estimation techniques
FIG 3. Global market size estimates & forecast methods
FIG 4. Global High Content Screening Market, key trends 2021
FIG 5. Global High Content Screening Market, growth prospects 2022-2028
FIG 6. Global High Content Screening Market, porters 5 force model
FIG 7. Global High Content Screening Market, pest analysis
FIG 8. Global High Content Screening Market, value chain analysis
FIG 9. Global High Content Screening Market by segment, 2019 & 2028 (USD Million)
FIG 10. Global High Content Screening Market by segment, 2019 & 2028 (USD Million)
FIG 11. Global High Content Screening Market by segment, 2019 & 2028 (USD Million)
FIG 12. Global High Content Screening Market by segment, 2019 & 2028 (USD Million)
FIG 13. Global High Content Screening Market by segment, 2019 & 2028 (USD Million)
FIG 14. Global High Content Screening Market, regional snapshot 2019 & 2028
FIG 15. North America High Content Screening Market 2019 & 2028 (USD Million)
FIG 16. Europe High Content Screening Market 2019 & 2028 (USD Million)
FIG 17. Asia pacific market 2019 & 2028 (USD Million)
FIG 18. Latin America High Content Screening Market 2019 & 2028 (USD Million)
FIG 19. Global High Content Screening Market, company market share analysis (2021)

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