

## **High Content Screening/Imaging: Technologies and Global Markets**

Market Research Report | 2025-01-16 | 141 pages | BCC Research

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### **Report description:**

Description

Report Scope

The report offers a detailed picture of the high-content screening/imaging (HCS/I) market.

This report highlights the current and future market potential for HCS/I. It provides a detailed analysis of the competitive environment, regulatory scenario, drivers, restraints, opportunities and trends in the market. The report also covers market projections through 2029 and the market share of key players.

This report discusses the HCS/I industry and its resources. It covers the overall HCS/I market including instruments, consumables (reagents and kits), software and analytics, and services. The report further analyzes the market based on application, analyzing primary and secondary screening, target identification and validation, compound profiling, and toxicity studies. A complete regional analysis of the market is also offered in the report.

The market is segmented by region into North America, Europe, Asia-Pacific and the Rest of the World. Regional analysis is further broken down by country. North America is segmented into the U.S., Canada and Mexico; Europe is segmented into Germany, the U.K., France, Italy, Spain and the Rest of Europe; and Asia-Pacific is segmented into China, Japan, India, South Korea, Australia and the Rest of Asia-Pacific. For market estimates, data has been provided for 2021 and 2022 as the historic years, 2023 as the base year, and forecast for 2024 through 2029.

Report Includes

- 56 data tables and 57 additional tables
- Analyses of the trends in global market for high content screening/imaging (HCS/I) technologies, with market revenue data (sales figures) from 2021 and 2022, estimates for 2023, forecasts for 2024, and projected CAGRs through 2029
- Estimates of the market size and revenue growth prospects, along with a market share analysis by component, area of application, end user and region/country
- Facts and figures pertaining to key market dynamics, technological advances, regulations, and the impact of macroeconomic factors

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- Insights derived from the Porter's Five Forces model, as well as global supply chain and PESTLE analyses
- An analysis of patents, emerging trends and developments
- A pricing analysis for HCS/I instruments from leading companies
- Analysis of the industry structure, including companies' market shares and rankings, strategic alliances, M&A activities, and a venture funding outlook
- Overview of sustainability trends and ESG developments, with emphasis on consumer attitudes, and the ESG scores and practices of leading companies
- Company profiles of major players within the industry, including Danaher Corp., Revvity, Thermo Fischer Scientific Inc., Agilent Technologies Inc., and Yokogawa Electric Corp.

## Executive Summary

### Summary:

The global market for HCS/I was valued at \$3.1 billion in 2023. The market is forecast to grow at a CAGR of 8.4% during the forecast period to reach \$5.1 billion by the end of 2029.

Growing pharmaceutical R&D budgets and increasing technological advances in HCS/I are driving the market's growth. High equipment costs and data management concerns will challenge the market's growth.

This report sections the global market by component, application, end user and region. By component type, the market is divided into instruments, consumables, software and analytics, and services. The instruments segment, which held the largest share in 2023, is expected to grow at a CAGR of 7.9% during the forecast period.

In terms of applications, the primary and secondary screening segment is forecast to grow at a CAGR of 8.3% during the forecast period. This segment accounted for 32.4% of the market in 2023 and is projected to reach a value of \$1.6 billion by the end of 2029.

North America held the largest market share of 37.1% by region in 2023, due to the presence of large pharmaceutical companies and an increasing use of HCS/I by academics in the region.

Leading companies in the global market include Danaher Corp., Revvity Inc., Thermo Fischer Scientific Inc., Agilent Technologies and Yokogawa Electric Corp.

### **Table of Contents:**

Table of Contents

Chapter 1 Executive Summary

Market Outlook

Scope of Report

Market Insights

Chapter 2 Market Overview

High-Content Screening Technology Overview

High-Throughput Screening (HTS)

Process Involved in High-Throughput Screening

Developments in HTS

Chapter 3 Market Dynamics

Overview

Market Drivers

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Increasing R&D Budgets  
Technological Advances in HCS/I  
Market Restraints and Challenges  
High Equipment Costs  
Data Management Challenges  
Opportunities in the Market  
Opportunities in 3D Applications  
Emerging Economies  
Chapter 4 Emerging Technologies and Developments  
Overview  
Emerging Technologies  
AI for High-Content Image Analysis  
Cell Painting  
3D Organoid, Tumoroid and Spheroid Cultures  
Chapter 5 Market Segment Analysis  
Segmentation Breakdown  
Market Analysis by Component  
Instruments  
Consumables  
Software and Analytics  
Services  
Market Analysis by Application  
Primary and Secondary Screening  
Target Identification and Validation  
Compound Profiling  
Toxicity Studies  
Other Applications  
Market Analysis by End User  
Pharmaceutical Companies  
Academics  
Laboratories and Pathology Centers  
Geographic Breakdown  
Market Analysis by Region  
North America  
Europe  
Asia-Pacific  
Rest of Asia-Pacific  
Rest of the World (RoW)  
Chapter 6 Competitive Intelligence  
Company Share Analysis  
Strategic Analysis  
Partnerships  
Mergers and Acquisitions  
Product Launches  
Pricing Analysis  
Chapter 7 Patent Review  
Patent Review

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Patent Review by Year  
Patent Review by Jurisdiction  
Patent Review by Top Applicants  
Selected Granted Patents  
Chapter 8 Sustainability in the HCS/I Market: An ESG Perspective  
ESG Perspective  
Environmental Impact  
Social Impact  
Governance Impact  
Understanding the ESG Data  
ESG Performance Analysis  
Environmental Performance  
Social Performance  
Governance Performance  
Concluding Remarks from BCC  
Chapter 9 Appendix  
Methodology  
Sources  
Abbreviations  
Company Profiles  
AGILENT TECHNOLOGIES INC.  
BD  
BIO-RAD LABORATORIES INC.  
BRUKER  
CHARLES RIVER LABORATORIES  
CORNING INC.  
DANAHER CORP.  
EVIDENT  
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