

Global High Content Screening Market 2021

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Abstracts

High-content screening (HCS, also known as high-content analysis, or HCA) is an approach to cell biology that combines automated imaging and quantitative data analysis in a high-throughput format suitable for large-scale applications such as drug discovery and systems biology. Today high-content screening is established in a far broader area of the life science space as an unbiased imaging method to assess cellular function. The global high content screening market is set to increase by US\$ 1,036 million from 2021 to 2027, representing a compound annual growth rate (CAGR) of 11.4% during the forecast period.

The report provides up-to-date market size data for period 2017-2020 and forecast to 2027 covering key market aspects like sales value for high content screening. The global high content screening market is segmented on the basis of product, application, end user, and region. On the basis of product, the global high content screening market has been segmented into instruments, consumables, software, services. The instruments segment is estimated to account for the largest share of the global high content screening market. By application, the global high content screening market has been segmented into drug discovery, oncology, compound profiling, molecular diagnosis, toxicity studies, neuroscience. Based on end user, the global high content screening market is categorized into pharmaceutical & biotechnology companies, academics, laboratories. In terms of geography, the global high content screening market has been segmented into North America, Asia Pacific, Europe, Rest of the World (ROW).

The global high content screening market is highly competitive. Some of the leading companies operating in the market are Becton Dickinson and Company, Biotek Instruments Inc., Danaher Corporation (Molecular Devices LLC), Genedata AG, PerkinElmer Inc., Tecan Group Ltd., Thermo Fisher Scientific Inc., Thorlabs Inc., Yokogawa Electric Corporation.

Report Scope

Product: instruments, consumables, software, services

Application: drug discovery, oncology, compound profiling, molecular diagnosis, toxicity studies, neuroscience

End user: pharmaceutical & biotechnology companies, academics, laboratories

Region: North America, Asia Pacific, Europe, Rest of the World (ROW)

Years considered: this report covers the period 2017 to 2027

Key Benefits for Stakeholders

Get a comprehensive picture of the global high content screening market

Pinpoint growth sectors and trends for investment

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Pharmaceutical & biotechnology companies
Academics
Laboratories

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North America
Asia Pacific
Europe
Rest of the World (ROW)

PART 7. KEY COMPANIES

Becton, Dickinson and Company

Biotek Instruments, Inc.

Danaher Corporation (Molecular Devices, LLC)

Genedata AG

PerkinElmer, Inc.

Tecan Group Ltd.

Thermo Fisher Scientific Inc.

Thorlabs, Inc.

Yokogawa Electric Corporation

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