

High Throughput Screening Market Analysis, Share, Size and Forecast 2031

The <u>High Throughput Screening Market</u> in 2023 is US\$ 25.7 billion, and is expected to reach US\$ 62.82 billion by 2031 at a CAGR of 11.82%.

FutureWise Research published a report that analyzes High Throughput Screening Market trends to predict the market's growth. The report begins with a description of the business environment and explains the commercial summary of the chain structure. Based on the market trends and driving factors presented in the report, clients will be able to plan the roadmap for their products and services taking into account various socio-economic factors.

Additionally, it illustrates the corporate profiles and situation of competitive landscape amongst numerous associated corporations including the analysis of market evaluation and options associated with the worth chain. This High Throughput Screening research report provides insights on market overview, market segmentation, current and future pricing, growth analysis, competitive landscape and other such premium insights within the forecast period.

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High Throughput Screening Market Segmentation: By Products and Services

- Products
 - Reagents and Assay Kits
 - Instruments
 - Software
- Services

By Technology

- Cell-Based Assays
 - Cell Proliferation Assays
 - Cell Viability Assays
 - Cell Cytotoxicity Assays
 - Cell Death Assays

- Other Cell-Based Assays
- · Lab-on-a-Chips
 - PDMS
 - Thermopolymers
 - Glass
 - Silicon
 - Paper
- Ultra high throughput Screening
 - · Chip-based Screening
 - Micro-channel Flow Systems
 - Plateless Systems
 - Others
- Label-Free Technology
 - SPR
 - o ITC
 - Others

By Application

- Drug Discovery
 - Medicinal Chemistry
 - Biology Services
 - Drug Metabolism and Pharmacokinetics (DMPK)
- Chemical Biology Programs
 - Cellular & Biological Simulation
 - Disease Modelling
 - Preclinical Drug Development
 - Clinical Trials
- Cell & Organ-Based Screening
 - Drug Discovery
 - Academic Research
- Biochemical Screening
 - Blood and Blood –based Products
 - Vaccines and Therapeutics
 - Stem Cells
- Biological Active Compound Screening
 - Target Identification
 - Primary Screening
 - Toxicology

- Genomics
 - Diagnostic Application
 - Precision Medicine
- Proteomics
 - Drug Diagnostics
 - Precision Medicine
- Compound Profiling
 - Drug Discovery
 - Cancer/Tumor Profiling
 - Toxicology

By Detection Method

- Mass Spectrometry
 - Surface-based MALDI-MS
 - LASI-MS Imaging
 - Injection-based MS
 - Others
- Chromatography
 - HIC
 - HPLC
 - SEC
 - HPGC
 - Others
- Calorimetry
 - Rapid Mass Calorimeter
 - o ITC
 - Nanocalorimetry
 - Array Calorimetry
 - Others
- X-ray Diffraction
 - In situ Crystallization
 - In meso Crystallization
 - Crystal X-ray Diffraction
 - Others

By End-User

- Pharmaceutical and Biotechnology Companies
- · Academic and Government Institutes

- Contract Research Organizations (CRO)
- Others

By Region

- North America
- Europe
- Asia-Pacific
- Latin America
- Middle East and Africa

Major players included in the High Throughput Screening Market:

- Thermo Fisher Scientific
- Agilent Technologies Inc
- Danaher
- PerkinElmer Inc
- Tecan Group Ltd
- Axxam S.p.A
- Bio-Rad Laboratories Inc
- Merck Group KGaA
- Hamilton Company
- Corning Incorporated
- Biotek Instruments Inc
- Aurora Biomed Inc

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Competitive Landscape:

- Tier one players market players with a significant share of the market
- Tier two players
- Players with rapid growth
- New Entries

FutureWise Key Takeaways:

- Prospects for growth
- Analysis of SWOT
- Key trends
- Key Data-points affecting market growth

Objectives of the Study:

- To provide report with an in-depth analysis of the High Throughput Screening Market By Products and Services, By Technology, By Application, By Detection Method, By End User and By Region
- To offer data-points and comprehensive data on factors affecting the market (Opportunities, drivers, and industry-specific restraints)
- Analysis and forecasting of micro-markets, as well as the scope of the market.
- To predict the size and share, market forecast, in key regions North America, Europe,
 Asia Pacific, and rest of the world
- To record and evaluate competition -mergers and expansions, product launches, and technological advancements within the market

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