India Life Science Tools Market By Technology (Genomic, Proteomics, Cell Biology, Others), By Product (Cell Culture Systems & 3D Cell Culture, Liquid Chromatography, Mass Spectrometry, Flow Cytometry, Cloning & Genomic Engineering, NGS, Microscopy, PCR, Others), By End Use (Government, Pharmaceutical & Biotechnology Companies, Academic & Research Institutions, Others), By Region, Competition, Forecast & Opportunities, 2020-2030F

Market Report | 2025-04-25 | 85 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License $3500.00
- Multi-User License $4500.00
- Custom Research License $7000.00

Report description:

Market Overview
The Indian Life Science Tools Market was valued at USD 913.72 million in 2024 and is projected to reach USD 1,341.94 million by 2030, growing at a CAGR of 6.46% during the forecast period. The market is expanding rapidly, driven by the growth of the biotechnology and biopharmaceutical sectors, increased investment in R&D, and the rising adoption of genomics, proteomics, and molecular diagnostics. With strong pharmaceutical clusters in Maharashtra and Gujarat and biotech hubs in Bengaluru and Hyderabad, India has emerged as a strategic location for life science innovation. Government-backed programs such as the Genome India Project, the Production Linked Incentive (PLI) scheme, and funding from ICMR and DBT are promoting advancements in precision medicine and drug discovery. Additionally, the increasing prevalence of chronic diseases is fueling demand for high-end tools for gene sequencing, diagnostics, and cell biology research.
Key Market Drivers
Expansion of the Biotechnology Sector
India's biotechnology sector has seen robust growth, becoming a significant contributor to innovation and economic development. The industry, valued at approximately USD 10 billion in 2014, is forecasted to reach USD 300 billion by 2030. This surge is fueled

by a thriving startup ecosystem, increased government support, and a growing bioeconomy. The number of biotech startups has grown from around 300 in 2012 to over 9,000 by 2024, developing solutions in health-tech, diagnostics, agriculture, and bioinformatics. These startups have launched over 800 innovative products and attracted $600 million in follow-on investments. Supportive programs like Startup India and BIRAC have played a pivotal role in enabling commercialization and regulatory navigation. With the bioeconomy expanding from $10 billion in 2014 to more than $130 billion in 2024, the sector's upward trajectory is reinforcing demand for cutting-edge life science tools.

Key Market Challenges

High Cost of Advanced Technologies

The high cost of sophisticated life science technologies poses a significant challenge, particularly for small and mid-sized institutions. Equipment such as next-generation sequencing (NGS), mass spectrometry, and high-throughput screening systems requires substantial upfront investment, coupled with recurring expenses for maintenance, consumables, and personnel training. India's reliance on imported equipment increases costs further due to duties, exchange rates, and logistical barriers. Many research institutions face budget constraints, creating disparities in access between well-funded urban centers and institutions in smaller cities. Although initiatives like Atmanirbhar Bharat aim to boost domestic production, the market currently lacks locally manufactured high-precision instruments, limiting widespread accessibility and slowing innovation.

Key Market Trends

Growing Biopharmaceutical Industry

India's expanding biopharmaceutical industry is a key trend influencing the life science tools market. Demand for biosimilars, monoclonal antibodies, gene therapies, and vaccines is rising, prompting investment in research tools, analytical technologies, and bioprocessing systems. The country's expertise in generics is translating into a strong presence in biosimilars, driving need for advanced analytical and quality control instruments. With an increase in contract development and manufacturing organizations (CDMOs), India is becoming a preferred destination for outsourced biopharma research. The emphasis on personalized medicine and cell and gene therapies is fueling adoption of technologies such as mass spectrometry, flow cytometry, and chromatography. Additionally, growing interest in single-use bioprocessing, biosensors, and AI-powered process control is shaping the future of biopharmaceutical manufacturing in the country.

Key Market Players

- Becton Dickinson India Private Limited
- Agilent Technologies India Private Limited
- Illumina Inc.
- Thermo Fisher Scientific Inc
- Roche Products India Private Limited
- Bio-Rad Laboratories India Private Limited
- Merck Life Science Private Limited
- Wipro GE Healthcare Private Limited
- Bruker India Scientific Pvt Ltd
- Qiagen India Private Limited

Report Scope

In this report, the India Life Science Tools Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

- India Life Science Tools Market, By Technology:
  - o Genomic
  - o Proteomics
  - o Cell Biology
  - o Others
- India Life Science Tools Market, By Product:
  - o Cell Culture Systems & 3D Cell Culture
  - o Liquid Chromatography

o Mass Spectrometry
o Flow Cytometry
o Cloning & Genomic Engineering
o NGS
o Microscopy
o PCR
o Others
- India Life Science Tools Market, By End Use:
o Government
o Pharmaceutical & Biotechnology Companies
o Academic & Research Institutions
o Others
- India Life Science Tools Market, By Region:
o East India
o West India
o North India
o South India
Competitive Landscape
Company Profiles: Detailed analysis of the major companies present in the India Life Science Tools Market.
Available Customizations:
India Life Science Tools Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:
Company Information
- Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

India Life Science Tools Market By Technology (Genomic, Proteomics, Cell Biology, Others), By Product (Cell Culture Systems & 3D Cell Culture, Liquid Chromatography, Mass Spectrometry, Flow Cytometry, Cloning & Genomic Engineering, NGS, Microscopy, PCR, Others), By End Use (Government, Pharmaceutical & Biotechnology Companies, Academic & Research Institutions, Others), By Region, Competition, Forecast & Opportunities, 2020-2030F

Market Report | 2025-04-25 | 85 pages | TechSci Research

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	$3500.00
	Multi-User License	$4500.00
	Custom Research License	$7000.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			

Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2026-02-22
		Signature	