

Electronic Lab Notebook - Company Evaluation Report, 2025

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Report description:

The Electronic Lab Notebook Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Electronic Lab Notebook. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 190 companies, of which the Top 20 Electronic Lab Notebook Companies were categorized and recognized as quadrant leaders.

The electronic lab notebook (ELN) market is primarily fueled by the increasing digitization of laboratories, the advantages ELNs offer over traditional conventional notebooks, rising R&D investments by pharmaceutical and biotechnology companies, ongoing technological advancements, and the growing need for data integrity and regulatory compliance. Technological advancements further support market expansion.

Furthermore, the expanding adoption of ELNs in emerging markets and the rising demand for cloud-based solutions are creating significant growth opportunities for market players. However, high initial implementation costs, along with concerns over data security and privacy, may pose challenges to broader market adoption.

The 360 Quadrant maps the Electronic Lab Notebook companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the Electronic Lab Notebook quadrant. The top criteria for product footprint evaluation included BY Product Type (Specific ELNs, Cross-disciplinary ELNs), By Component (Software, Services), BY Deployment (Cloud-based Model, On-premises Model, Hybrid Model), BY License (Proprietary ELN, Open-source ELN), BY Organization SIZE (Large, Small & Medium), and BY End User (Life Sciences, Food & Beverages and Agriculture, Petrochemicals and Oil & Gas, Chemical Industry, Environmental Research, Other End Users).

Key Players

Key players in the Electronic Lab Notebook market include major global corporations and specialized innovators such as Revvity, Inc. (US), Dassault Systemes (France), Benchling (US), Thermo Fisher Scientific Inc. (US), Waters Corporation (US), IDBS (US), STARLIMS Corporation (US), LabVantage Solutions Inc. (US), LabLynx (US), Sapios Sciences (US), Agilent Technologies, Inc. (US), LabWare (US), Eppendorf SE (Germany), Dotmatics (US), Bruker (US), BioData Inc. (US), Agilebio (France), Lab-Ally (US), Labforward GmbH (Germany), and Labii Inc. (US). These companies are actively investing in research and development, forming strategic partnerships, and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

Top 3 Companies

Revvity, Inc.

Revvity Inc., a spin-off of PerkinElmer's life sciences and diagnostics businesses, provides advanced software solutions to customers in the pharmaceutical, biotechnology, academic, diagnostic, and government sectors. The company operates through two segments: Life Sciences and Diagnostics. Designed to future-proof laboratory operations, Signals Notebook enhances scientific collaboration and accelerates research workflows, making it an essential tool for scientists in fields such as biology, chemistry, formulations, and analytical sciences.

Dassault Systemes

Dassault Systemes, headquartered in Paris, is a leading developer and provider of software solutions, offering a broad portfolio of applications through its 3DEXPERIENCE platform. These solutions support a wide range of domains, including analytics, design, engineering, manufacturing, scientific research, and supply chain planning. It maintains a strong global footprint with a network of R&D centers, innovation labs, and customer support hubs.

STARLIMS Corporation

STARLIMS Corporation is a leading provider of Laboratory Information Management System (LIMS) solutions. In 2021, Francisco Partners acquired the STARLIMS informatics product suite and related assets from Abbott. The company offers a comprehensive range of products, services, and solutions tailored to the needs of laboratories across diverse industries, including pharmaceuticals and biotechnology, general manufacturing, contract services, molecular testing, food and beverage, biorepositories, clinical research, environmental sciences, chemicals, petrochemicals and refining, public health, and forensics.

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