

# Healthcare Visual Inspection Services Market Size, Share & Trends Analysis Report By Product, By Technology (Manual Visual Inspection, Semi-automated Visual Inspection, Automated Visual Inspection), By End-use, By Region, And Segment Forecasts, 2025 - 2030

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## Abstracts

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### Healthcare Visual Inspection Services Market Growth & Trends

The global healthcare visual inspection services market size is expected to reach USD 7.08 billion by 2030, registering a CAGR of 9.97% from 2025 to 2030, according to a new report by Grand View Research, Inc. Growth in the market can be attributed to the benefits offered by healthcare visual inspection, such as cost savings, increased quality assurance, revolutionizing quality control processes, and enhanced operational efficiency. Besides, in pharmaceutical and medical devices, the inspection process improves the quality, further saving costs for manufacturers. In addition, visual inspection systems support healthcare companies in harnessing their capabilities, further elevating their quality control standards, driving cost efficiencies, and optimizing production processes to stay competitive in the dynamic industrial landscape. It further supports delivering superior products consistently, reducing waste, and efficiently operating, ultimately fueling growth and success.

Moreover, automation, artificial intelligence (AI), and machine learning are some of the key factors fueling the market. Manufacturers are increasingly opting for healthcare visual inspection to enhance efficiency, reduce human error, and improve defect detection. Besides, rising investments in biopharmaceutical research and development (R&D) and growing presence of established contract development and manufacturing

organizations (CDMOs), contract manufacturing organizations (CMOs), and contract research organizations (CROs) contribute to market growth. Moreover, stringent regulatory requirements from the FDA, EMA, and MHRA have made healthcare visual inspection services essential for ensuring the safety, efficacy, and compliance of pharmaceutical and medical device products. Besides, standards like USP , USP , and EU GMP Annex 1 are necessary for particulate matter detection and improved inspection systems. Hence, to comply, most manufacturers are integrating real-time data analytics, predictive maintenance, and AI-driven defect classification to ensure regulatory adherence and minimize recalls.

Hence, healthcare companies are shifting towards visual inspection services for automation, real-time compliance monitoring, and AI-assisted decision-making. These advancements enhance precision, efficiency, and product safety, reinforcing the importance of innovation in ensuring high-quality healthcare manufacturing. Therefore, this has led to an increasing need for these services, leading to increasing outsourcing of visual inspections and seeking cost-effective and specialized expertise with their emerging pipelines. Such factors are expected to drive the market over the estimated period.

#### Healthcare Visual Inspection Services Market Report Highlights

The pharmaceutical segment dominated the market, with a share of 65.15% in 2024. Growth in the segment can be attributed to the increasing focus on quality assurance of pharmaceutical products & medical devices. In addition, cost efficiency, product compliance, and a growing focus on product safety are expected to drive the segment growth.

Based on technology, the semi-automated visual inspection (SAVI) segment held the largest market share in 2024, attributed to the stringent regulatory requirements, growing demand for medical devices & pharmaceutical drugs, and rapid adoption of automation. Besides, semi-automation offers an easy and practical examination of ampoules, vials, cartridges, and syringes carrying injectable liquids, powders, or freeze-dried products.

Based on the end use, the pharmaceutical and biopharmaceutical companies segment dominated the market, accounting for 49.82% in 2024. This is attributable to increasing pharmaceutical drug demand, the growing burden of diseases, rising cost-efficiency service, growing R&D investment, and a growing focus on product safety.

North America market held the largest market share of 40.68% in 2024. The growing demand for outsourcing and the presence of established market players in countries like the U.S., Canada, and North America is expected to drive the market. Furthermore, established market players within the region offering efficient healthcare visual inspection services in the U.S. is one of the key factors propelling the market growth.

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