



Inline Inspection Systems for Pharmaceutical and Medical Device Industries

More Safety. Better Health

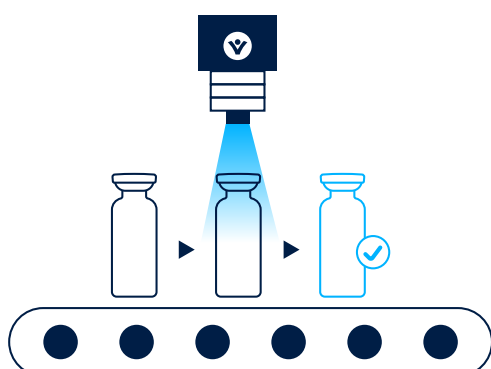
Safety is the top priority in patient care. That is why the pharmaceutical and medical device industries are subject to the most stringent quality requirements and to strict statutory regulations for their products. Terms such as quality assurance and documented processes are of great importance throughout the entire pharmaceutical value chain, just like counterfeit protection and seamless traceability.

Even the smallest discrepancies in these sensitive areas can have a major impact on patient safety.



Solutions for the Entire Production Process

VITRONIC offers a wide range of visual inspection systems for the medical and pharmaceutical industries. Our fully automated systems can be integrated flexibly in your production line to monitor production processes, inspect quality, and measure objects—for the greatest product safety possible. In addition, the VITRONIC HEALTHCARE product portfolio offers solutions for the reliable identification and verification of pharmaceutical products. All inspection systems can be validated according to GAMP® guidelines and are easy and intuitive to use.

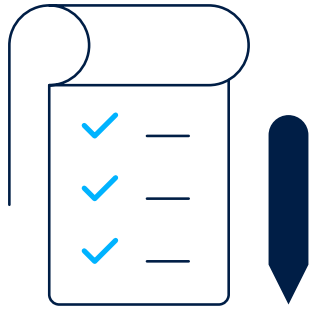


Part of the Production Chain

Our broad range of quality assurance solutions addresses numerous steps in pharmaceutical manufacturing. Comprehensive 100 percent inline inspection identifies potential defects and contaminations within a particular process step, right where they appear.

Process feedback is provided promptly so that defective products are not processed further. This means, for example, that defective containers are discharged so that they are not filled with valuable pharmaceutical substances.

At the same time, the system provides information that can be used to optimize the process immediately, preventing an accumulation of defects. Depending on the scenario, the costs for a visual inspection system can be amortized even after detection of just a few defects or with the prevention of just one machine downtime.



Compliant with GAMP® and 21 CFR Part 11

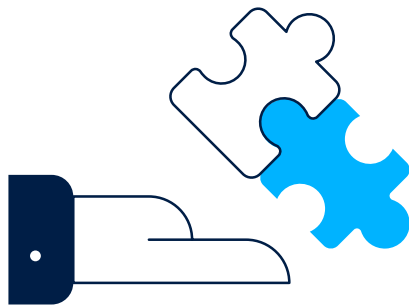
VINSPEC HEALTHCARE inspection systems can be validated according to FDA and GAMP® guidelines. We offer comprehensive documentation and a qualification package consisting of a qualification plan, a risk assessment, and design and test specifications for hardware and software, as well as other important documentation.

Our system configuration ensures system and data security and also documents changes to the system in an integrated audit trail.



Easy-to-Use and Intuitive

All VINSPEC HEALTHCARE systems use the same basic elements and they are all operated by a standardized user interface with real-time display of inspection results and images, recipe editor, and analyses. Our software package features touch control to make operation easy and intuitive. This means you can create new recipes or optimize existing ones autonomously. The offline evaluation tool and results database makes accessing data from anywhere possible.



Expertise in Industry

We rely on years of experience in the machine vision industry, our own camera and illumination technology, project management and application expertise to form the foundation of VINSPEC HEALTHCARE systems that fulfill the highest quality demands.

Our task-oriented engineering and far-reaching understanding of processes ensure that your system is optimized for the task at hand, providing you with the best possible solution. Not only do we assist you with the integration of our system in a new production line, but also with retrofitting of an automated inspection system in existing ones.

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