

GenASIs Platforms

Meeting the Requirements of Any Laboratory - Large and Small

ASI's scalable and modular platforms are designed to meet current and future laboratory needs. As your caseload increases, so can your lab enabling growth from a single slide stations to 9-slide or 81-slide scanning stations, additional workstations, dedicated servers, and modular LIS/LIMS connection to automate your workflow.

GenASIs 7 enables processing of more cases, quicker and with better clinical results.

GenASIs Capture & Analysis platform is a high-end computer aided diagnostic system with multiple assay support. This versatile solution may be adapted to most pathology, cytogenetics and research applications. The system is designed to work with a manual or automated microscope and includes a dedicated, high powered microscope camera combined with state-of-the-art image analysis software for both clinical and research oriented image analysis.

GenASIs Scan & Analysis platform is a top-of-the-line, automated computer aided slide scanning and diagnostic platform. This modular platform enables automation of a wide range of laboratory selected slide-based assays for various applications. This flexible solution may be adapted to the advanced automation and workflow needs of any laboratory or research institution. The system includes a fully automated, computer-controlled microscope, motorized 1-slide or 9-slide stage and a high powered microscope camera. This platform also comes with a variety of additional components, such as an oil dispenser, automated fluorescent illumination control and state-of-the-art image analysis software for clinical and research oriented image analysis and automation.



Applied Spectral Imaging
Bringing Details to Light

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High Throughput Scanning platform is a robotic tray loading system, enabling high-throughput automated slide analysis for a wide range of applications. This platform, combined with the GenASIs Scan & Analysis platform, provides a true “walk-away” functionality, scanning up to 81 slides consecutively, without human intervention. Moreover, slides can be replaced while the system is scanning for unlimited and continuous scanning volume. These scanning capabilities, presented with the GenASIs High Throughput platform, offer the most efficient and cost-effective way to optimally use the scanning and analysis system for uninterrupted scanning.

GenASIs Analysis & Review platform is an advanced analysis platform with full case review capability. This versatile platform supports the analysis and review for all GenASIs pathology, cytogenetic and research applications. The platform allows users to review, analyze, sign-out and generate reports for case data, captured using the GenASIs Scan & Analysis or Capture & Analysis platforms. Case data may be accessed from any network location.

GenASIs HyperSpectral platform is based on a patented, dual-mode optical device which allows both interferometer-based image capture for hyperspectral imaging and direct view mode for high-resolution CCD image capture. The HyperSpectral data reveals the spectrum of every pixel in the image, and provides advanced analysis tools to extract quantitative and visually hidden information from within a sample. For various applications, e.g. SKY, the system can be used in direct mode for standard image capture and analysis.



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