

GenASIs Scan & Analysis

Automated FISH Spot Counting

Automated FISH Signal Detection, Classification and Enumeration

GenASIs provides an advanced FISH signal detection, enumeration and classification solution for automated high-volume, high-accuracy FISH analysis.

GenASIs Scan & Analysis FISH supports many probes out of the box and is configurable to work with all FISH probes through its open architecture.

GenASIs Scan & Analysis FISH includes a robotic scanner with a 9-slide or an optional 81-slide automated slide feeder for “walkaway” functionality, allowing automated slide analysis, documentation and reporting. The system supports fully interactive, semi-automated and fully-automated operations to suit any lab’s workflow.

GenASIs Scan & Analysis FISH preserves images, reports and analysis in an advanced bioinformatics case data management system (CDM) which comes standard with the system. Images, patient information and reports are managed by CDM, ensuring complete and accurate reference and documentation.



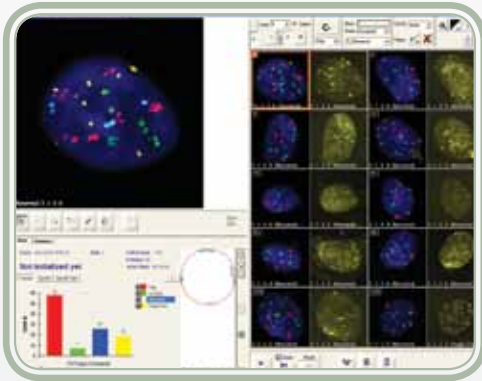
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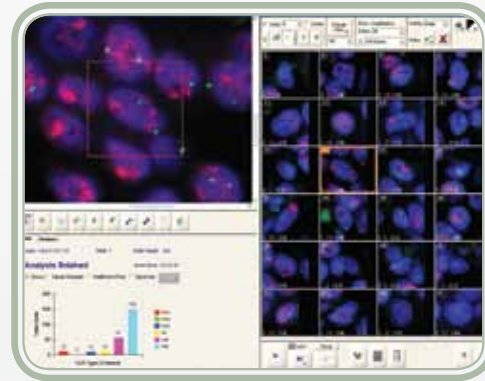
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HIGHLIGHTS

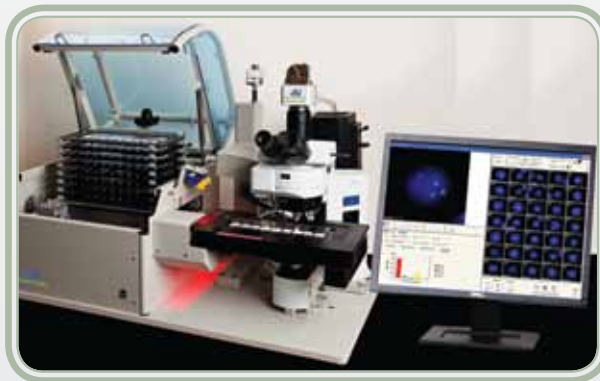
- Automated scoring of large numbers of cells, with remote review outside of the dark room
- Dramatic reduction in scanning time using an intelligent “pre-scan” to identify optimal regions of interest
- Advanced image processing algorithms enable cell cluster and signal overlap detection and analysis
- Faint signals detection and classification from a high-sensitive camera and computer aided image enhancements



GenASIs Scan & Analysis - UroVysion



GenASIs Scan & Analysis - HER2/neu



GenASIs High Throughput Scanning Trayloader for 81 slides per batch, using an integrated barcode reader for tracking, and oil dispenser for high-power scans.

GenASIs SpotScan is cleared to be used as an adjunctive automated enumeration tool for GenASIs ALK, GenASIs BandView, GenASIs FISHView, GenASIs UroVysion, GenASIs CEP XY and GenASIs HER2/neu FISH.

All other products are for research purposes only, not intended for diagnostic or therapeutic use.


Applied Spectral Imaging
Bringing Details to Light

North America
Applied Spectral Imaging Inc.
Tel: +1 760 929 2840
sales-inc@spectral-imaging.com

Headquarters
Applied Spectral Imaging Ltd.
Tel: +1 817 886 6031
sales@spectral-imaging.com

Europe
Applied Spectral Imaging GmbH
Tel: +49 6203 923800
sales-gmbh@spectral-imaging.com