GenASIs Capture & Analysis Karyotyping

Fast & Accurate Computer-Aided Karyotyping

GenASIs BandView is an FDA cleared diagnostic tool for karyotyping. Trusted by thousands of labs across the world, GenASIs BandView provides cytogenetic labs with accurate, repeatable and standardized analysis.

The Only Karyotyping Platform You Need

GenASIs Bandview is a platform that fits the needs of any sized lab. Whether your lab requires a single station for slide capture and analysis, or a multitude of stations consisting of slide capture or review, GenASIs is robust enough to integrate seamlessly into your existing workflow.

Manual and Automatic Scanning

GenASIs BandView supports both manual and automatic slide capture. For large labs looking to increase throughput and lower operating costs, our 81 slide automatic tray loader, 9 slide scanning stage and metaphase scanning software automatically find colonies of metaphases with a low mitotic index and prepares them for karyotyping. With automatic scanning, a lab can increase throughput by over 50%.

With GenASIs BandView's automatic scanning, you can begin working on the karyotype as soon as the scan has captured the first metaphase! In addition, GenASIs BandView is the ideal solution for cytogenetic labs as it allows users to fully customize the workflow and analysis according to preference. A wide range of tools perform multiple tasks with a single click, turning even difficult karyotypes into a simple to perform task.

- "Magic-tool" for single click chromosome segmentation
- Cut and paste for chromosome translocation
- On screen comparison of relatives' genetic samples
- Automatic chromosome alignment
- Distinct coloring of chromosomes for easy identification and separation

Excellent image quality for extracting the slightest detail

Applied Spectral Imaging
Bringing Details to Light

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Reporting and Case Data Management

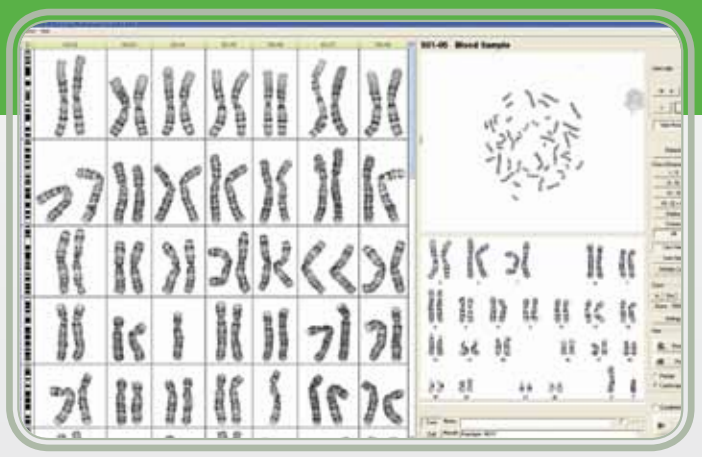
Integrated with ASI's CDM (Case Data Manager), GenASIs enables comprehensive "paperless" workflows. CDM integrates with the lab's LIS, and performs all necessary functions from capture to report and sign-out. GenASI's CDM is the only database that stores both FISH and brightfield images.

Capturing the Best Karyotypes

GenASIs delivers consistent and reliable high-quality image capture and analysis using automated mechanisms including auto-contrast and exposure, and automatic segmentation of touching chromosomes.

HIGHLIGHTS

- Works with all microscopes
- Multiple tools for improving user experience
- Work from off-site with remote access software
- Full audit trail
- Controlled user access and sign out privileges
- Automatically saves work
- Supports multiple species



Chromosome comparison within and between cases

FDA Cleared for Clinical Use

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