



GenASIs Capture & Analysis Karyotyping

Intuitive Workflow with Optimization Tools

GenASIs BandView, ASI's karyotyping application running under the GenASIs Capture & Analysis platform, is designed to save time without compromising results for a true paperless environment.

Superb High Resolution Image

High resolution images are captured by a 12-bit digital camera with a wide field of view for capturing highly spread metaphases in one image acquisition. Fully automated contrast, exposure and coordinate listing facilitate easy capture with one click.

Seamless Advanced Automation

Advanced automation is what makes GenASIs BandView unique, offering background uniformity correction, automatic segmentation of touching chromosomes, optimized image enhancement, contrast and band sharpness. 'Smart' tools, like the unique single "Magic Tool", streamline the karyotyping process. The Magic Tool is an all-in-one multi-function tool that eliminates the need for switching between other functions.

Review Utility

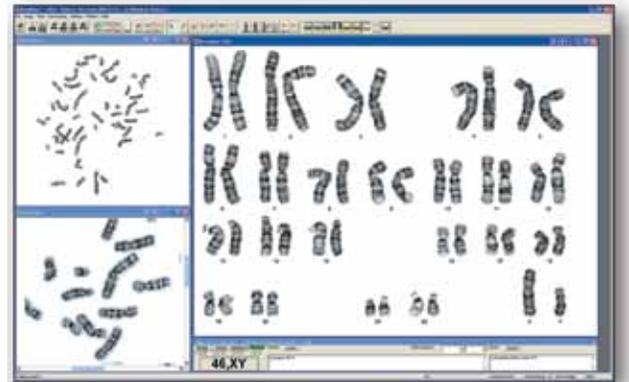
A fast and flexible workflow process can be created with the 'Detailed Review' feature, enabling comparison of chromosomes and full editing of the karyotype, the cell and case results.

Database and Reports

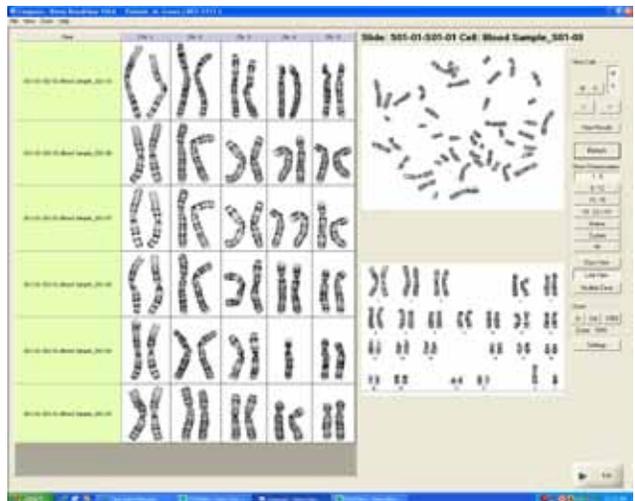
The integrated database, Case Data Manager (CDM) helps your lab move towards a paperless environment by providing review and marking tools for supervisors. The multi-case gallery or multi-chromosome panel allows for quick case-review. Cell and Case summary reports can be customized, annotated, viewed and exported to a LIS/LIMS.

Multi-Species Support

A dynamic karyotype table fits any species type. A predefined Ideogram library has been specially prepared for multiple species, and includes capabilities to add custom ideograms of animal or plant species.



Excellent image quality for extracting the subtlest detail



Chromosome comparison within and between cases

FDA Cleared for Clinical Use



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