

L E I C A B I O S Y S T E M S

CYTOVISION DX

FULLY AUTOMATED BRIGHTFIELD AND FLUORESCENT SYSTEM

COMPREHENSIVE CYTOGENETICS. PROVEN PERFORMANCE.



For In Vitro Diagnostic Use

Advancing Cancer Diagnostics
Improving Lives

Leica
BIO SYSTEMS

CYTOVISION DX – PROVEN PRECISION AND PERFORMANCE

THE FUTURE OF CYTOGENETICS STARTS HERE

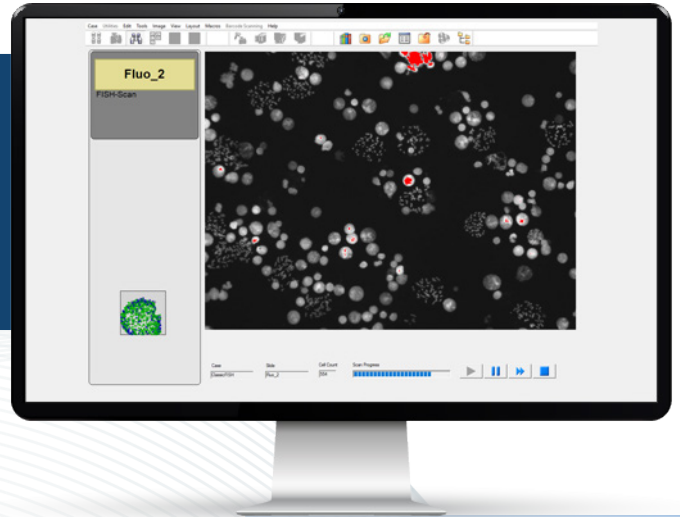
Unlock the full potential of your cytogenetics laboratory with CytoVision DX—a next-generation image capture, analysis, and case management solution designed to meet the evolving demands of modern cytogenomics. Built on more than 30 years of proven performance, CytoVision DX delivers unmatched flexibility, automation, and image quality to streamline your complete clinical cytogenetics workflow from slide to report.



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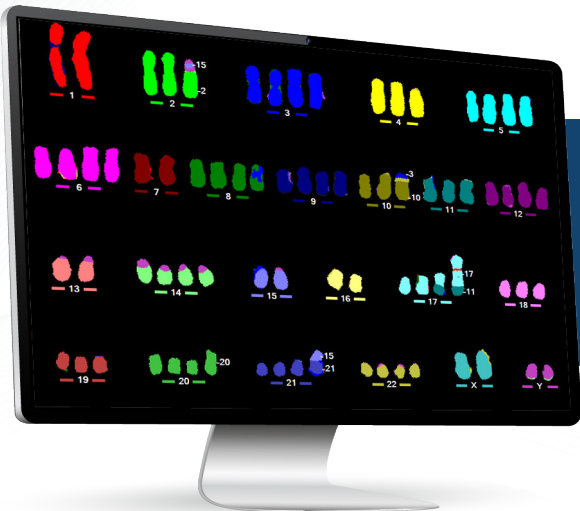
AUTOMATED INTELLIGENCE, HUMAN EXPERTISE

Let your technologists focus on what matters most—analysis. CytoVision DX automates the time-consuming steps of identifying, locating, and capturing high-resolution interphase and metaphase cells, reducing hands-on processes and accelerating time to results.



ONE PLATFORM MANY APPLICATIONS

From tissue FISH scanning and spot counting capture to karyotyping or M-FISH analysis, CytoVision DX supports a wide range of cytogenetic applications with seamless integration and intuitive workflows.



SECURE AND CONNECTED

Built for today's cybersecurity standards with Windows 11 compatibility, user access controls, and remote review capabilities, CytoVision DX is the ideal solution for multi-site collaboration and director oversight. Comprehensive interoperability with third-party LIS enables automated scanning and data management within a single application.

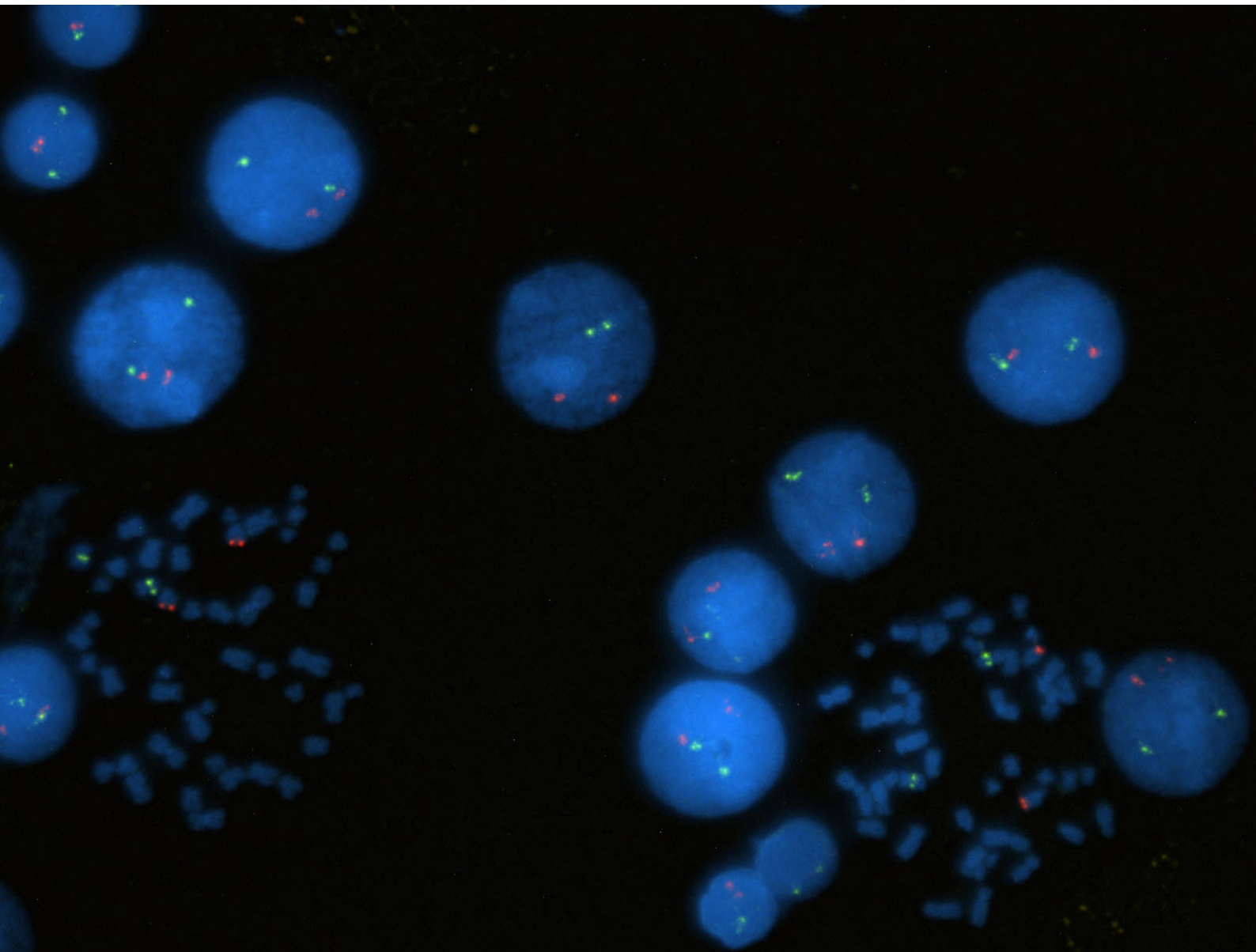


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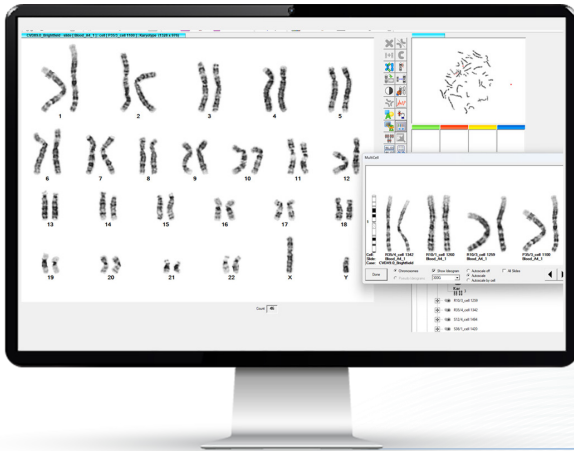
IMAGE CLARITY THAT DRIVES CONFIDENCE

Built on a pedigree of 170+ years of optical engineering excellence, the Leica DM6 B microscope provides intelligent automation for brightfield and fluorescence imaging.

Mixed batch scanning enables karyotyping, interphase FISH, and tissue FISH imaging in a single session. Scalable scan capacity and hot-swapping trays keep your lab moving without interruption while the compact footprint is designed to fit into your lab space.



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Capture high-resolution images with the 12 MP CMOS camera. Low noise and high sensitivity enable optimal imaging, displaying chromosome banding and fine details, ensuring a comprehensive review of the full chromosome band pattern. The CytoVision DX includes intuitive software, which accelerates karyogram creation, helping you deliver reports faster.

BUILT BY CYTOGENETICISTS, FOR CYTOGENETICISTS

Designed and developed with world-leading cytogenetic laboratories, the intuitive and comprehensive workflows are coupled with optimized imaging and ease of use to streamline your workday.



For In Vitro Diagnostic Use

SCALABLE AND FLEXIBLE

Whether you're a single laboratory or a multi-site organization, CytoVision DX adapts to your throughput, automation, and networking needs—with configurations that grow with you. Increase automation to decrease hands-on time for technicians, freeing them up to focus on other tasks.



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INCREASE AUTOMATION & DECREASE HANDS-ON TECH TIME

Configuration	REVIEW STATION	CAPTURE STATION	CAPTURE STATION WITH AUTOMATED MICROSCOPE	SCANNING STATION WITH AUTOMATED 10 SLIDE LOADER	SCANNING STATION WITH AUTOMATED 120+ SLIDE LOADER
CytoVision DX software application & software protection key	✓	✓	✓	✓	✓
Workstation - Computer with Windows OS, Display Monitor, and Uninterrupted Power Supply (can be provided by Leica Biosystems or end user)	✓	✓	✓	✓	✓
12 Megapixel CMOS Camera	✗	✓	✓	✓	✓
Xylis LED lamp for FISH station	✗	Optional	✓	✓	✓
Leica DM6 B Automated Microscope	✗	✗	✓	✓	✓
XY Stage	✗	✗	Mechanical	Motorized	Motorized
Automated Oiler	✗	✗	✗	✓	✓
Barcode Reader	✗	✗	✗	✓	✓
Automated Slide Loader Capacity	✗	✗	✗	10 Slides	120 Slides

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Specification	Description
GSL 120 Capacity	120-slide batch capacity
GSL 10 Capacity	10-slide batch capacity
Camera Port	Fixed 1x C-mount with no optics
Nominal Input Voltage	230V AC (auto sensing)
Mains Supply	+/- 10% Rated Voltage
Input Frequency	50 Hz +/- 3 Hz (auto sensing)
Noise Emission	<60 dBA normal operation
Storage Conditions	Temperature: -15° to 45°C (5° to 113°F) Humidity: 20-90% non-condensing (38.7°C)
Operation (General)	Indoor Use Ambient Temperature: 15° to 35°C (59° to 95°F) Humidity: 20-70% non-condensing Maximum relative humidity: 70% for temperatures up to 36°C (96.8°F)
Operation (GSL scanning)	Optimal temperature: 20° to 25°C (68° to 77°F)
Objective Lenses (standard with all scanning systems)	Objectives include 1.25x, 10x, 20x, 100x oil objectives
Fluorescence Components (included with fluorescence scanning systems)	63x oil objective, FL light source & filters

LEICA BIOSYSTEMS IS AN INTERNATIONAL COMPANY WITH A STRONG NETWORK OF WORLDWIDE CUSTOMER SERVICES
 For detailed contact information on your nearest sales office or distributor please visit our website: LeicaBiosystems.com

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Leica Biosystems is a global leader in workflow solutions and automation. As the only company to own the workflow from biopsy to diagnosis, we are uniquely positioned to break down the barriers between each of these steps. Our mission of "Advancing Cancer Diagnostics, Improving Lives" is at the heart of our corporate culture. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries. It has manufacturing facilities in 9 countries, sales and service organizations in 19 countries, and an international network of dealers. The company is headquartered in Nussloch, Germany. Visit LeicaBiosystems.com for more information.