IN VITRO DIAGNOSTIC
IVDR
CERTIFICATION
Motic
MEDICAL DEVICES REGULATION

Motic®
DIGITAL PATHOLOGY



Motic Digital Pathology Solutions

From Imaging to Interoperability:
A Comprehensive Digital Pathology Network



Digital imaging that transforms diagnostics

The Era of Digital Pathology

Pathology is evolving. The conversion of glass slides into high-resolution digital images using whole-slide imaging (WSI) scanners has transformed how laboratories, hospitals, research centers, and academic institutions manage, analyze, and share biological data globally, efficiently, securely, and collaboratively.

Digital Pathology empowers professionals to revolutionize diagnostics, accelerate research, and advance academic learning.



Turning microscope images to measurable data

From Glass to Data

Digital pathology integrates advanced WSI scanning systems, intuitive software, and cloud solutions to create a complete digital workflow. This transformation offers clear benefits:

Efficiency
Reduce turnaround times and streamline diagnostic processes.

Accuracy
Minimize manual errors and standardize image quality.

Collaboration
Enable remote consultation and second opinions in real time.

Education
Share identical slide data with students or colleagues, anywhere.

Archiving
Safely store and access valuable specimens without physical degradation.



Motic Scanning Solutions

Motic offers a comprehensive range of digital slide scanners designed to provide reliable, high-quality whole-slide imaging for laboratories, hospitals, and research centers. The MoticEasyScan series covers all brightfield needs, from compact entry-level units to high-capacity systems with continuous loading.

The MoticFlexScan series offers an upgrade for imaging needs, combining bright-field and fluorescence on a single platform to provide exceptional resolution and seamless operation for applications such as FISH and immunofluorescence. Together, these solutions enable efficient, scalable, and accessible digital pathology for any environment.

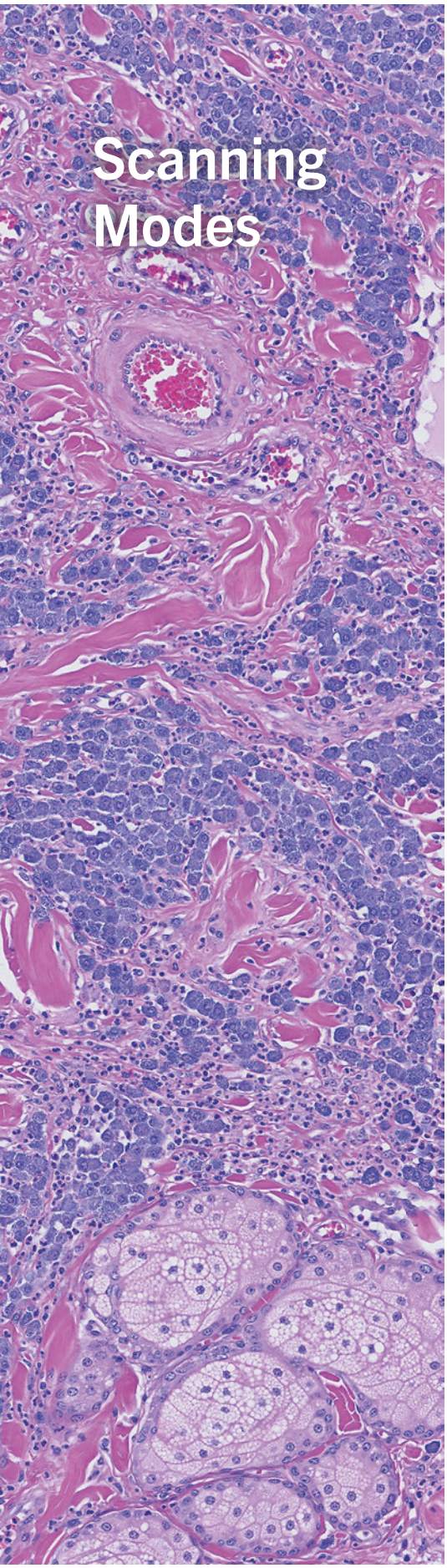
BF MoticEasyScan

BF/FL MoticFlexScan

PLAN APO	**High-resolution Optics**	Our Motic CCIS® system with Plan Apochromatic objectives delivers vibrant colors and superior clarity.
AF	**Fast and Always Sharp**	High-speed scanning with real-time precision autofocus ensures every slide is captured perfectly.
	Always Even Light	Long-lasting LED illumination delivers stable color performance and dependable image quality.
	Scan Your Way	Standard, High Precision, EDF, and Z-Stack modes adapt easily to routine and complex specimens.
	Smart Tray, Smarter Workflow	Barcode-enabled tray design keeps slides organized and traceable, reducing errors and boosting efficiency.
	A Complete Digital Ecosystem	EasyScanner, FlexScanner, DSAssistant, DSAConference, Large Format Scanning, FS-Live, DSServer and EasyDrive connect your workflow end-to-end.







Scanning Modes

Standard Autofocus

Scans in a single, high-definition plane.

Excellent results for the vast majority of slide types.

High Precison

The entire focus range is checked to ensure that the best possible focal plane is selected at each point of the sample.

Used for wavy slides or when high precision images are required.

Extended Depth of Field

Merges multiple focal layers into a single, uniformly sharp image.

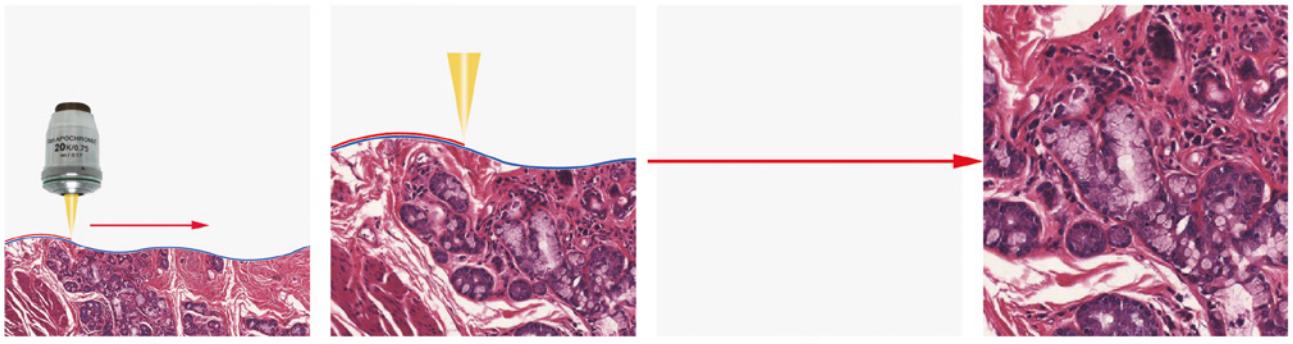
Ideal for thick samples or uneven tissue sections.

Z-stack

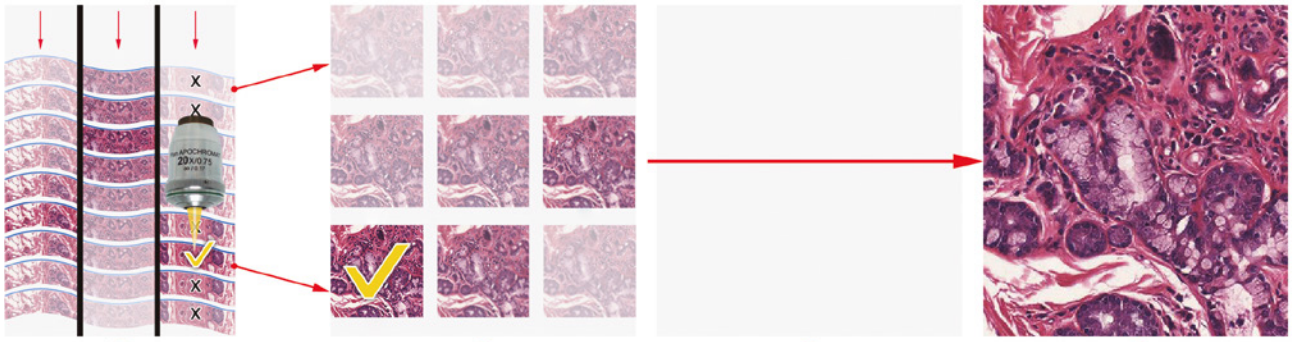
Captures multiple depth layers, allowing the user to dynamically focus through the sample depth.

Replicates the fine-focus control of a traditional microscope.

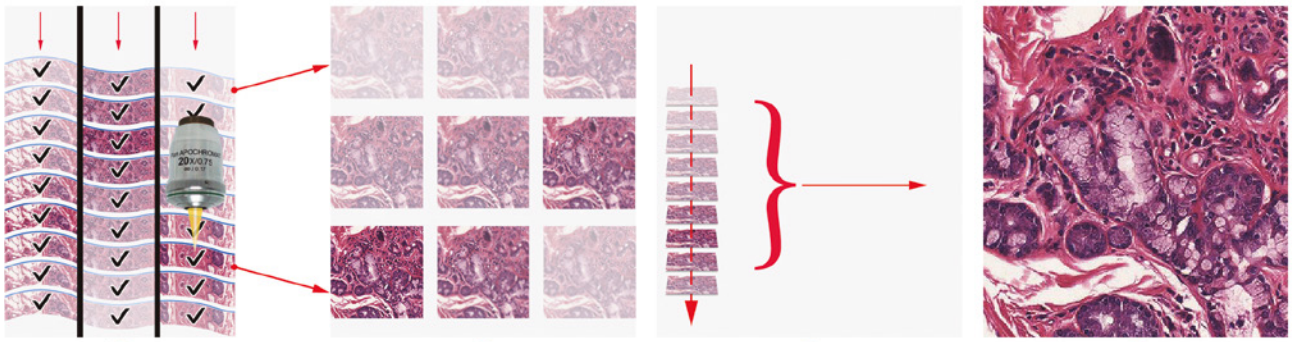
Standard Autofocus Mode



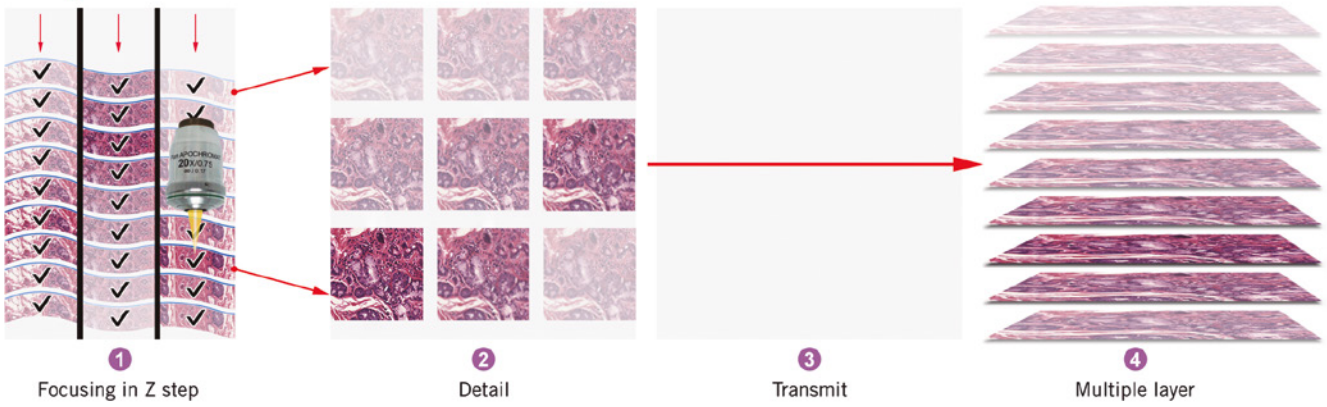
High Precision Mode



Extended Depth of Field Mode



Z-stack Mode





MoticEasyScan Series Overview

The MoticEasyScan family offers flexible and reliable WSI scanning solutions for every lab size, from teaching institutions to large diagnostic facilities.

Highlights at a glance:

- Slide capacities from 1 to 102 with continuous loading.
- Scanning times as low as 40 seconds per slide.
- Advanced models featuring a large sensor for an expanded field of view.
- Integrated barcode and QR code support.
- Imaging Software with preloaded ICC Profiles – apply during the scanning process to ensure accurate color reproduction of tissue stains, such as H&E, IHC and more.

LITE ONE | TWO

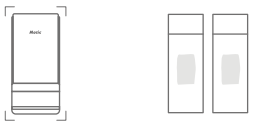


MoticEasyScan LITE

The ideal entry point into digital pathology.

Compact and affordable, the Lite scanners offer one- or two-slide capacity and fast scanning speeds.

Perfect for teaching, small labs, and research environments looking to start their digital transition.



PRO 6 | 6N | 24N



MoticEasyScan PRO

A robust solution for small to medium-sized labs.

With models supporting 6 or 24 slides, the Pro series combines speed, precision, and scalability.

Equipped with high-resolution optics and smart software integration, it's ideal for both diagnostic and research workflows.



INFINITY 60 NFC | 100 NFC



MoticEasyScan INFINITY

The powerhouse of the series.

With up to 102-slide capacity and continuous loading, the Infinity models redefine high-throughput performance.

Powered by automatic quality control, NFC slide tracking, and full compatibility with Motic's software ecosystem, Infinity redefines industrial-level automation in digital pathology.





MoticEasyScan Infinity

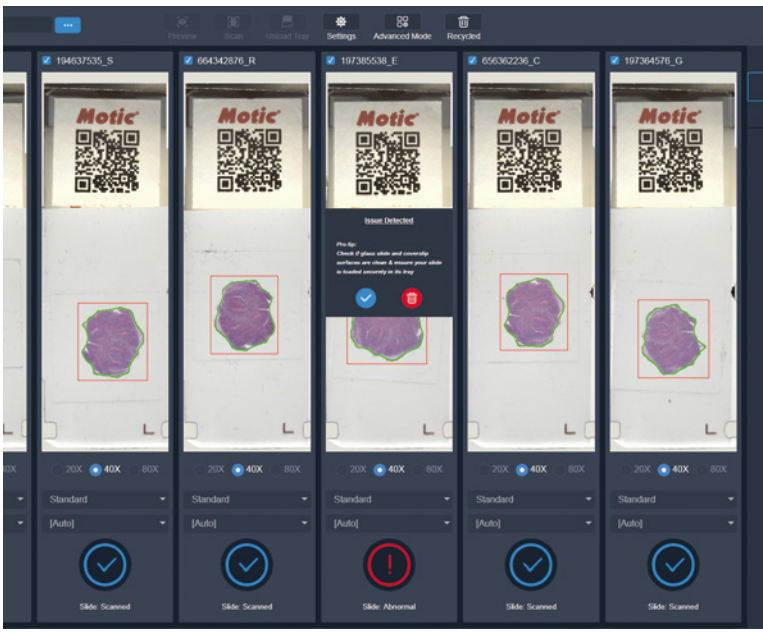
For laboratories that demand speed, reliability, and precision, the MoticEasyScan Infinity NFC series delivers outstanding performance with intelligent automation.

Available in 60-slide and 102-slide configurations, Infinity scanners support continuous slide loading, allowing new slides to be added during operation. Equipped with Motic's Smart Tray system and automated quality control, these scanners ensure accuracy and efficiency throughout the process.

Streamline workflows and maximize efficiency with the MoticEasyScan Infinity NFC digital scanner, a powerhouse tool for your pathology lab.

	Continuous Loading	Add new slides at any moment without interrupting ongoing scans.
AF	**Real-Time Focus Control**	Real time Autofocus ensure crisp, reliable image quality throughout each scan.
	NFC Smart Tray Tracking	Integrated NFC slide identification provides instant tracking and seamless workflow organization.
	Automatic Quality Control	LED indicators instantly pinpoint QC-flagged trays for quick slide recovery and smooth workflows.
	Powerful All-in-One PC	Includes a powerful all-in-one PC with a 27” QHD screen for smooth, intuitive operation.
+1000	**High-Volume Efficiency**	Scan 1,000 slides per week with continuous, high-throughput efficiency.







MoticFlexScan Series Overview

The MoticFlexScan series unites brightfield and fluorescence whole-slide imaging in one system. Designed for researchers and diagnostic laboratories, MoticFlexScan enables users to switch seamlessly between imaging modes.

High-Resolution Imaging

- Up to 0.13 µm/pixel resolution for both brightfield and fluorescence.
- Multi-band filter cube for three-color staining (DAPI, FITC, TRITC).
- Extended Depth of Field (EDF) for accurate quantitative results.

Smart, Stress-Free Operation

- Plug-and-play setup via USB.
- Preview mode for locating faintly stained tissue.
- Tray-centric design without robotic arms, ensuring safe handling and protecting fluorescence samples.

Workflow Integration

- Compatible with third-party analysis tools.
- Interoperable formats (SVS, JPEG, TIFF, OME-TIFF) for easy integration with other systems and workflows.
- Compliant with DICOM standard for healthcare data integration.

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MoticFlexScan 1
Desktop Simplicity

The MoticFlexScan 1 is a budget-friendly, desktop-sized scanner designed for quick and reliable single-slide imaging. Easy to use and perfectly suited for low-plex IF and FISH applications as well as Brightfield; it offers a streamlined solution for fast, high-quality scans in any lab environment.

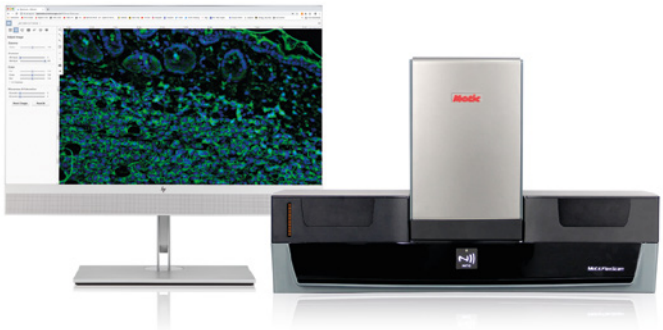
6



MoticFlexScan 6
Streamlined Power for the Modern Lab

The MoticFlexScan 6 combines a compact footprint with a versatile 6-slide capacity, offering an affordable entry into whole-slide fluorescence. Perfect for medium-volume workflows and research applications, it delivers reliable, high-quality imaging across a range of fluorescence and brightfield needs.

60 NFC



MoticFlexScan 60 NFC
High-Throughput Power

The MoticFlexScan 60 NFC brings high-throughput power to demanding workflows, combining continuous slide loading with smart trays featuring NFC slide tracking. With its Preview Mode and capacity for large kidney and skin tissue sets, it delivers fast, reliable fluorescence and brightfield imaging for high-volume laboratories.



Software Solutions

Motic's software ecosystem brings all your scanners and users together, from image acquisition to sharing, collaboration, and live telepathology. Each program has been designed to simplify your workflow while maintaining data integrity and efficiency. Together, these software solutions form a connected, scalable digital pathology platform, bringing consistency and efficiency to every step of your digital workflow. From DSAssistant as your standard viewer and analysis tool, to DSServer for secure sharing and archiving, FS-Live for live remote operation, and DSAConference for collaborative education and case discussions, Motic software supports your entire journey.

From image acquisition to global collaboration, Motic software ensures your digital pathology workflow runs smoothly, efficiently, and securely.

DSAssistant

Your all-in-one viewer for everyday pathology workflows.



Included as standard with every Motic scanner, DSAssistant is a WSI viewer with tools for measurement, annotation, comparison, and export.

- Intuitive viewer interface with image thumbnails and metadata.
- Interactive tools for real-time annotations, measurements, and quantitative analysis.
- Side-by-side slide comparison for simultaneous HE & IHC viewing.
- Compatible with property format (MDS) and SVS.
- Secure file export in open formats JPEG, JPEG2000, TIFF, and SVS.
- Compatible with DSServer for remote access.

DSAConference

Group Discussion and Teaching Platform



DSAConference is a versatile application for collaborative education and team-based diagnostics. It allows multiple users to view, annotate, and discuss the same slide in real time, regardless of location.

- Host live pathology sessions and virtual tumor boards.
- Participants can view, mark, and comment simultaneously.
- Integrable with DSAssistant and DSServer for seamless workflow.
- Ideal for universities, hospitals, and remote training environments.

Large Format Scanning



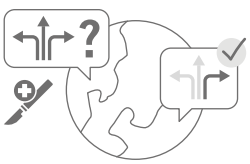
Auto detects 51 x 76 mm (2” x 3”) slides.

- Compatible with: MoticEasyScan Two, Pro 6, Pro 24, Infinity 60NFC, Infinity 100NFC (all BF scanners except MoticEasyScan ONE).





FS-Live
Real-Time Telepathology



Transform your scanner into a remotely controlled, motorized microscope. FS-Live enables real-time operation of MoticEasyScan devices, ideal for intraoperative consultations, frozen sections, or ROSE procedures.

- Continuous autofocus, eliminates manual focusing during live sessions.
- Z-Stack and gamma adjustment tools for enhanced structural visibility.
- Enables remote diagnosis and teaching from any connected workstation.
- Compatible with all MoticEasyScan models.

Control your digital scanner from anywhere in the world and use it as a motorised microscope.

DSServer

Image Management System (IMS) for remote acess and sharing

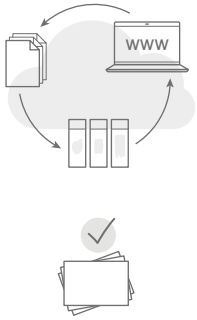


Access your digital slide library securely from anywhere in the world. DSServer allows institutions to centralize their digital archives, manage access, and collaborate remotely.

- Host locally, on your own server, or in the cloud.
- Multi-user management with customizable permissions.
- Encrypted data storage and secure sharing.
- One-time license, no maintenance fees.
- Instantly generate a link or QR code to easily share digital slides.

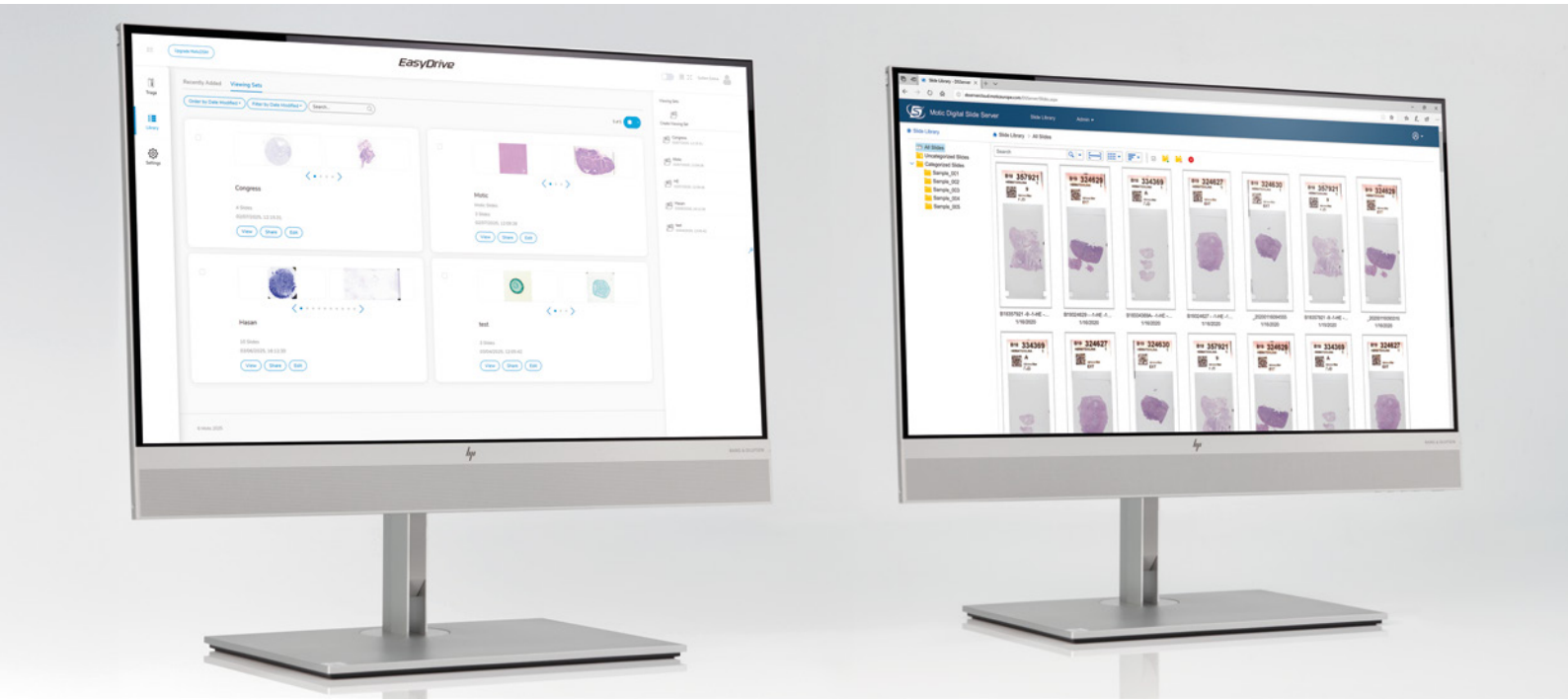
EasyDrive

Easy-to-use Slide Management System (IMS) and Sharing Platform



EasyDrive streamlines digital workflows by centralizing slides, documents, and multi-format image files in a secure, browser-based platform. Users can organize scans into structured projects, build searchable libraries, and retrieve cases instantly. With LIS integration for smoother case handling and secure, shareable links that protect patient data during external review, EasyDrive enhances collaboration while keeping every lab connected and efficient.

- Flexible deployment: cloud-based or on-premise.
- Organize slides and files into structured projects.
- Scanner-agnostic: supports whole-slide images across all major scanner manufacturers.
- Searchable library for fast retrieval and case management.
- Secure shareable links for external collaboration.
- LIS integration for smoother case handling.
- Browser-based access with no installation required.

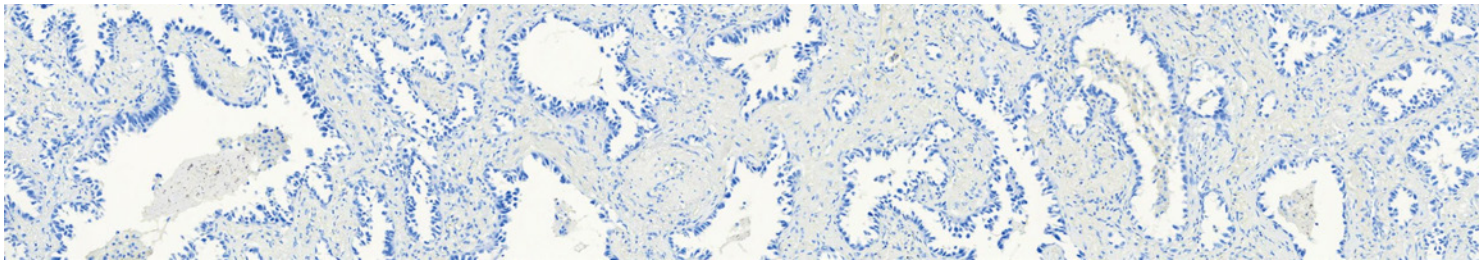


Technical Specifications



	MoticEasyScan Lite		MoticEasyScan Pro		
Model name	**MoticEasyScan Lite One**	**MoticEasyScan Lite Two**	**MoticEasyScan Pro 6**	**MoticEasyScan Pro 6 N**	**MoticEasyScan Pro 24 N**
Sensor size	2/3"	1.1"	2/3"	1.1"	1.1"
Capture resolution	5 MP	12 MP	5 MP	12 MP	12 MP
Resolution	20X: 0.52µm/pixel, 40X: 0.26µm/pixel, 80X: 0.13µm/pixel				
Estimated scanning time BF *	20X with 10X objective: 60s, 40X with 20X objective: 160s, 80X with 40X objective: 640s	20X with 10X objective: 40s, 40X with 20X objective: 100s, 80X with 40X objective: 360s	20X with 10X objective: 60s, 40X with 20X objective: 160s, 80X with 40X objective: 640s	20X with 10X objective: 40s, 40X with 20X objective: 100s, 80X with 40X objective: 360s	
Scan mode	Standard (Real-time autofocus), High precision (High precision autofocus), EDF (Extended depth of field), Z-stack (Three dimensional stacking)				
Scanning formats	MDS, SVS, JPEG, DCM, TIFF, CSP, OME-TIFF				
Objectives (CCIS®, DIN)	Plan S-Apochromatic 10X/0.3, Plan Apochromatic 20X/0.75, Plan S-Apochromatic 40X/0.75				
Slide capacity	1	2	6	6	24
Continuous loading	-	-	-	-	Yes
Barcode support	1D: Interleaved 2 of 5, Code 39, Code 128 - 2D: Data Matrix, QR Code				
Software included	EasyScanner, DSAssistant				
Optional Software	DSServer, DSAConference, EasyScan FS-Live Telepathology System, EasyDrive	DSServer, DSAConference, EasyScan FS-Live Telepathology System, EasyScan Large Format Scanning (76x50 mm slide), EasyDrive			
Computer included	-		All-in-One PC with a 27" QHD screen		
Minimum computer requirements	Intel Core i7-10700/16GB RAM memory, 1TB storage, Windows 10 Pro 64-bit or superior, USB 3.0 Port				
Dimensions LxWxH	205x398x420 mm		645x398x420 mm		700x398x420 mm
Net weight	12.6 Kg		16 Kg.		21.6 Kg
Contrast techniques	Brightfield		Brightfield		
FLUORESCENCE					
Channel Switch					
Fluorescent excitation source					
Optical interface for fluorescent					
light source					
Wavelenght excitation					
Wavelenght emission					
Estimated scanning time FLUO **					

* Average scanning time based on 15x15 mm area in standard scanning mode.

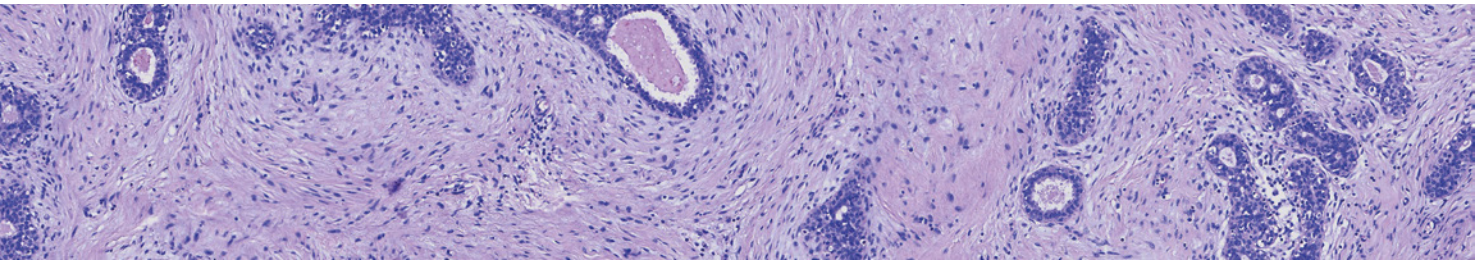






MoticEasyScan Infinity		MoticFlexScan			
MoticEasyScan Infinity 60 NFC	MoticEasyScan Infinity 100 NFC	MoticFlexScan 1	MoticFlexScan 6	MoticFlexScan 60 NFC	Model name
1.1"	1.1"	2/3"	2/3"	2/3"	Sensor size
12 MP	12 MP	5 MP	5 MP	5 MP	Capture resolution
20X: 0.52µm/pixel, 40X: 0.26µm/pixel, 80X: 0.13µm/pixel		8X: 1.3µm/pixel, 40X: 0.26µm/pixel, 80X: 0.13µm/pixel			Resolution
20X with 10X objective: 40s, 40X with 20X objective: 100s, 80X with 40X objective: 360s		20X with 10X objective: 60s, 40X with 20X objective: 160s, 80X with 40X objective: 640s			Estimated scanning time BF *
Standard (Real-time autofocus), High precision (High precision autofocus), EDF (Extended depth of field), Z-stack (Three dimensional stacking)					Scan mode
MDS, SVS, JPEG, DCM, TIFF, CSP, OME-TIFF		MDS, SVS, JPEG, DCM, TIFF, CSP, OME-TIFF, QPTIFF			Scanning formats
Plan S-Apochromatic 10X/0.3, Plan Apochromatic 20X/0.75, Plan S-Apochromatic 40X/0.75		Plan UC 4X/0.10, Plan Apochromatic 20X/0.75, Plan S-Apochromatic 40X/0.75			Objectives (CCIS®, DIN)
60	102	1	6	60	Slide capacity
Yes	Yes	-	-	Yes	Continuous loading
1D: Interleaved 2 of 5, Code 39, Code 128 - 2D: Data Matrix, QR Code					Barcode support
EasyScanner, DSAssistant		FlexScanner, DSAssistant			Software included
DSServer, DSAConference, EasyScan FS-Live Telepathology System, EasyScan Large Format Scanning (76x50 mm slide), EasyDrive		DSServer, DSAConference, EasyDrive			Optional Software
All-in-One PC with a 27" QHD screen					Computer included
					Minimum computer requirements
700x398x420 mm		205x398x420 mm	645x398x420 mm	700x398x420 mm	Dimensions LxWxH
33 Kg	33.4 Kg	16.1 Kg	19,5 Kg	39,5 Kg	Net weight
Brightfield		Brightfield & Fluorescence			Contrast techniques
					FLUORESCENCE
		Electric switch			Channel Switch
		LUMOS LED Fluorescent light Source (external)			Fluorescent excitation source
		Optical fiber			Optical interface for fluorescent light source
		UV: 560/25 nm; Blue: 395/25 nm; Green: 480/30 nm			Wavelenght excitation
		Blue: 440/31 nm; Green: 520/35 nm; Orange: 605/41 nm			Wavelenght emission
		40X with 20X objective: ≤15 min			Estimated scanning time FLUO **

** Average scanning time based on 10x10 mm area using 3 fluorescence channels. Actual time may vary depending on exposure time settings.



Motic®



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