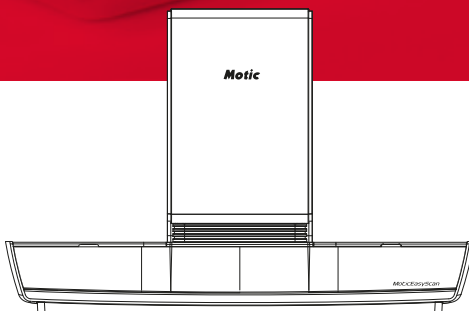




MoticEasyScan

THE PERFECT IMAGING RESOURCE
FOR HEALTHCARE, RESEARCH AND EDUCATION





CONVERT YOUR GLASS SLIDES INTO DIGITAL DATA

MEDICINE

The digitization of glass slide information is an essential approach for faster, more reliable, and more efficient work in the medical fields of cytology, histology, and cytopathology.

The main advantages of a digital slide library are:

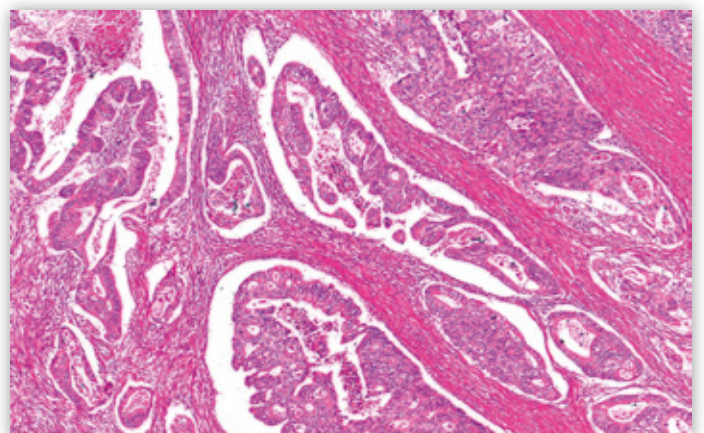
- Safe storage of confidential patient information
- Perpetual slide database for long-term scientific work
- Simplified day-to-day routine operations
- Shareable clinical expertise
- Worldwide, distance-less networking

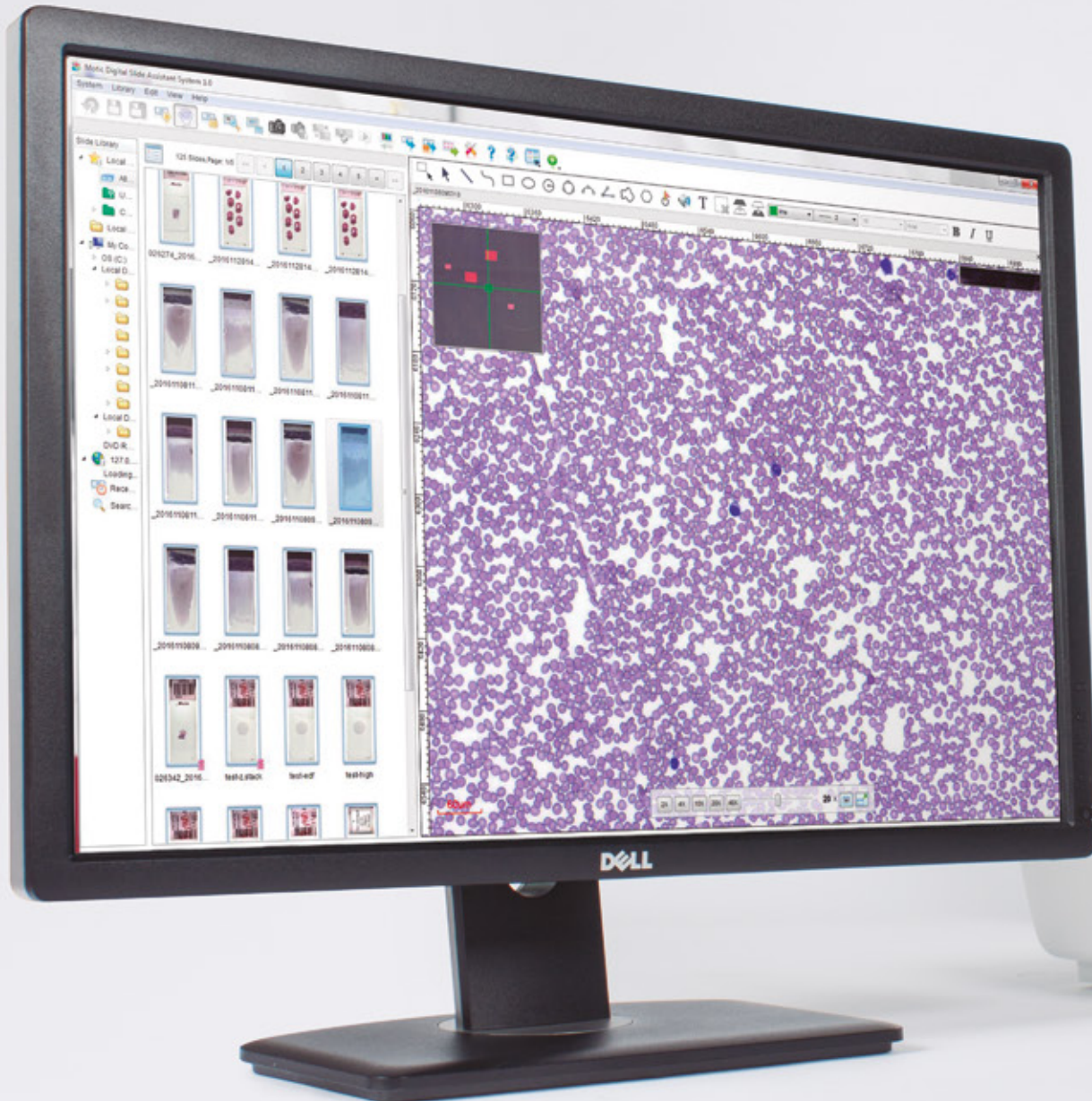
In clinical consultations with an additional expert, digitized patient information can be sent anywhere in the world for a “second opinion”, instantly. Confidential samples remain protected, and proprietary patient data is kept safe. The MoticEasyScan is an efficient instrument for producing and sharing high-quality images from different sources. Simple and easy to use, the integrated software enables even the most inexperienced users with a usable, reliable data acquisition tool.

TEACHING

Digitized slides are a fast and easily accessible tool for modern teaching situations. Hundreds of slides, some of them delicate and of historical origin, or rares cases can be presented in identical quality to every student. Typical characteristics, single anomalies; thanks to internet access students can work from home in an efficient educational experience:

- No risk of broken slides
- Identical information for every student
- 24/7 accessibility





IMPROVE YOUR DAILY WORKFLOW

MoticEasyScan uses a specially designed high-NA Plan Apochromatic objective (20X/0.75) to maximize its color fidelity and resolution power. Combined with a large 2/3" CCD sensor, the MoticEasyScan is able to image large fields of view in a split second, while delivering image detail equivalent to a high power 40X lens.

The "progressive scan" mode ensures high mechanical stability by minimizing moving parts. Thanks to our Hardware Autofocus design, which utilizes a separate focusing camera, lengthy pre-mapping is no longer necessary - an essential step forward for faster image acquisition. The automatic detection of tissue area within the complete glass slide may be overridden interactively for time-saving purposes.

Customized scanning modes may be chosen for the single slides within a slide carrier. A "wavy" sample may need the "High Precision" Autofocus mode instead of the Standard AF.

Thick sections can be treated with the "z-stack" mode or the "EDF" mode for maximum projection. Both techniques first create the digital database for a number of sample layers; the EDF mode additionally compresses all in-focus areas into one final image.

The built-in 10 Watt LED with 25,000+ hour lifetime supplies a neutral image background for bright field sample with an optimized color temperature of 5500-6000K. >

IMAGE PROCESSING

Once the sample on the glass slide is converted into a digital format, diverse image handling options can be accessed via the DSAssistant Viewer software.



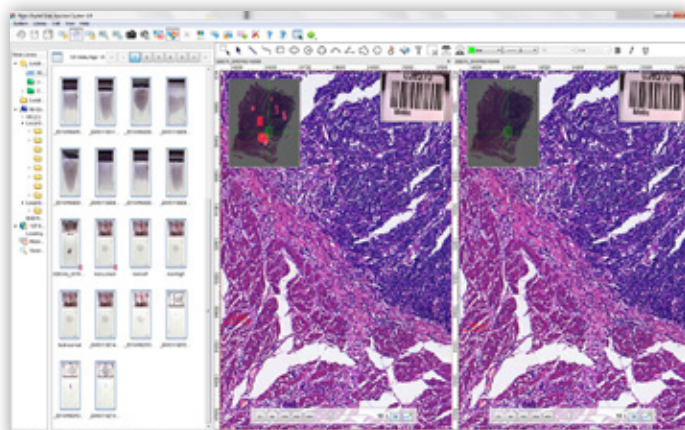
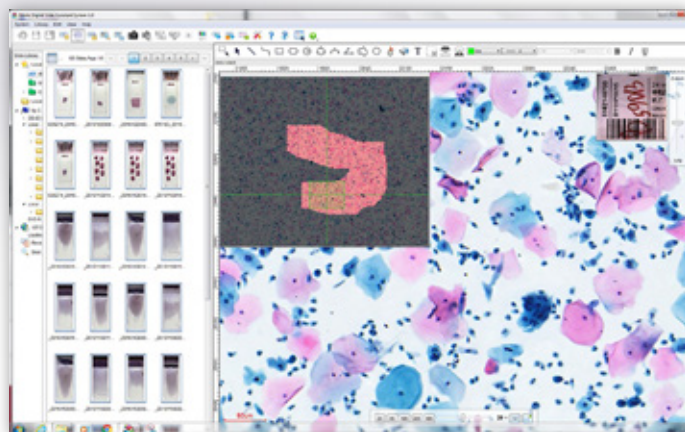
- Management interface with slide thumbnails and metadata display
- Image adjustments for fine tuning
- Robust annotation options for slide markup
- Quantify your results with easy measurement making
- Overlay functions to facilitate size estimates and counting
- Slide encryption for data security
- Side by side display options (for IHC or reference image use)
- Synchronization functions for viewing of multiple images
- Export compatibility with .jpg, .jpg2000, .svs formats
- Proprietary .ds format offers data bundling of the digital slide with additional data (pdf, docx, barcodes)

Collaborate anywhere with our digital suite:

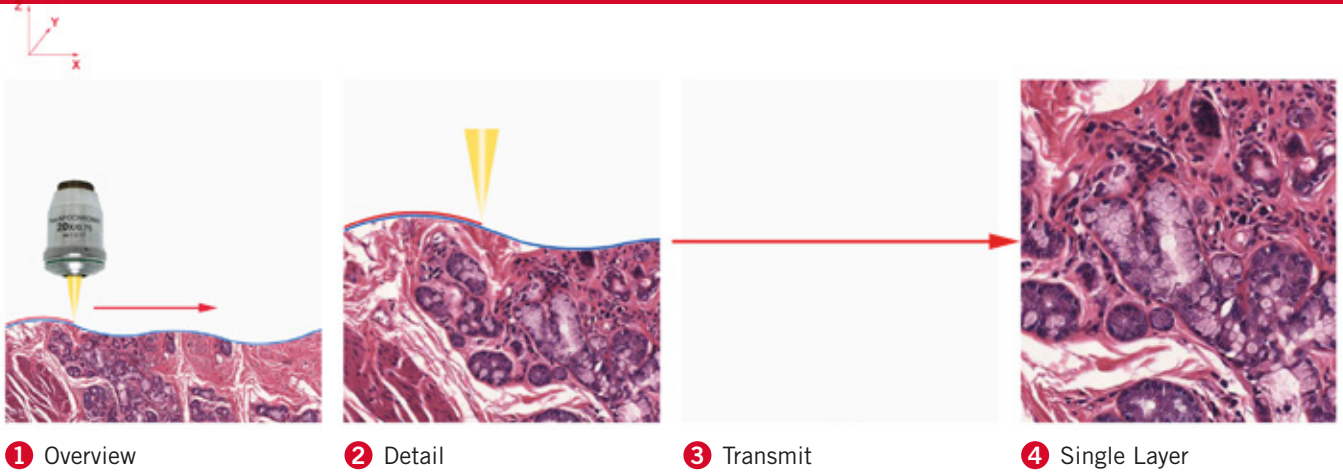
- Flexible cloud or local network deployable servers
- Digital Slide management software for library management
- Conference tools for group discussion and education (including logins and access management)
- Robust third-party software support
- Free downloads of the DSAssistant software

> The slide trays accept a wide slide dimension tolerance, eliminating the need for expensive, high precision slides. Barcode support allows easy integration of the scanning process into any lab workflow.

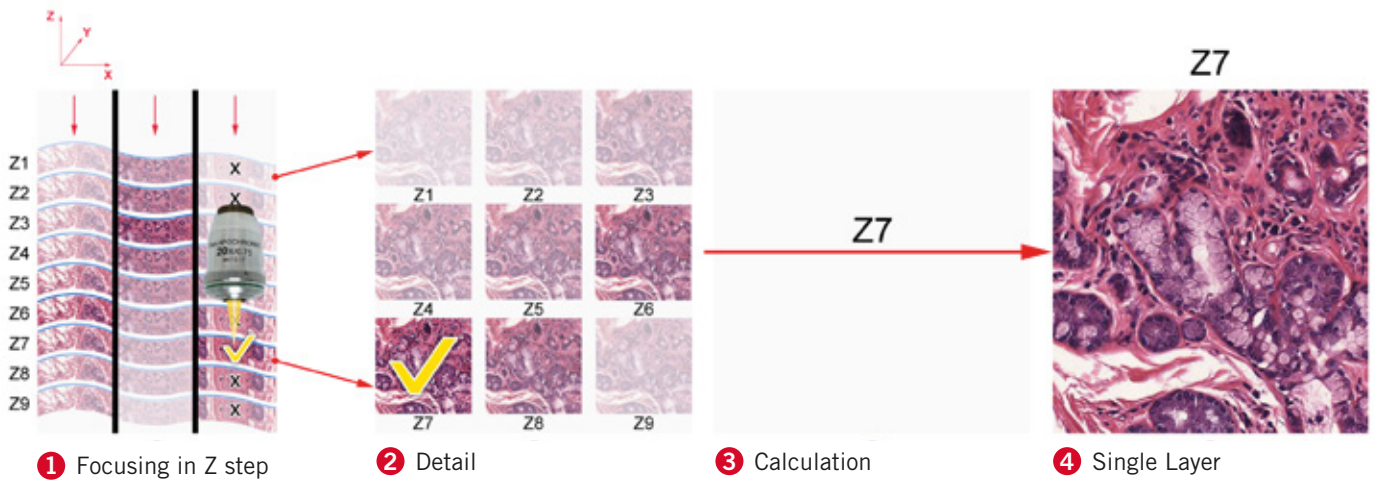
The standard scanning settings are password protected and may be modified to suit individual requirements. Once the tray is loaded, one simple click will kick off the entire scanning process start to finish, giving you high quality digital images for further use once complete.



NORMAL SCAN

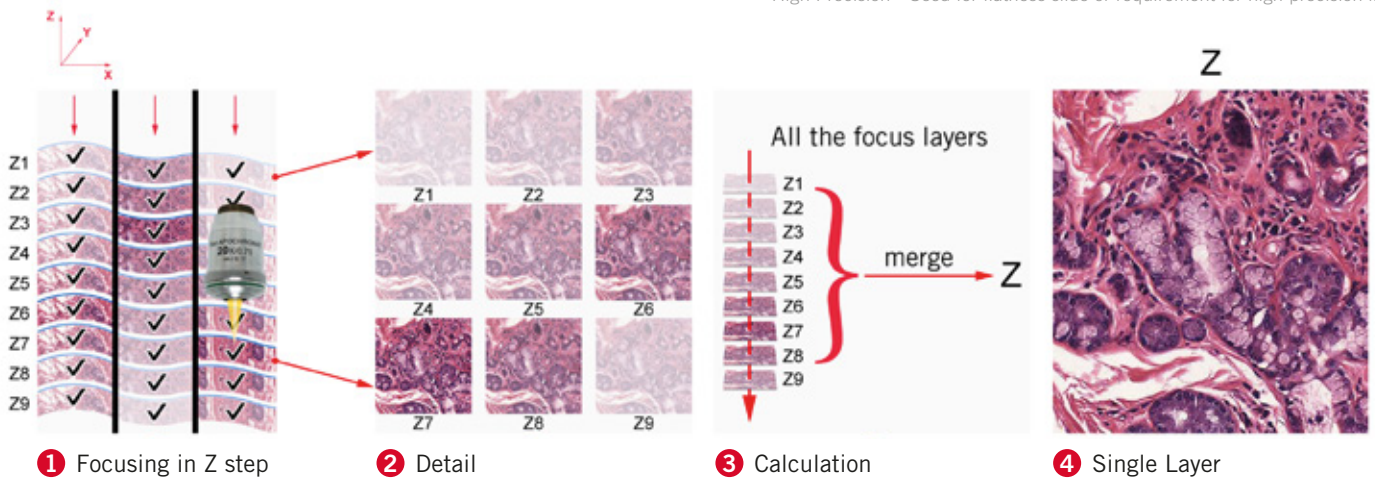


HIGH PRECISION SCAN



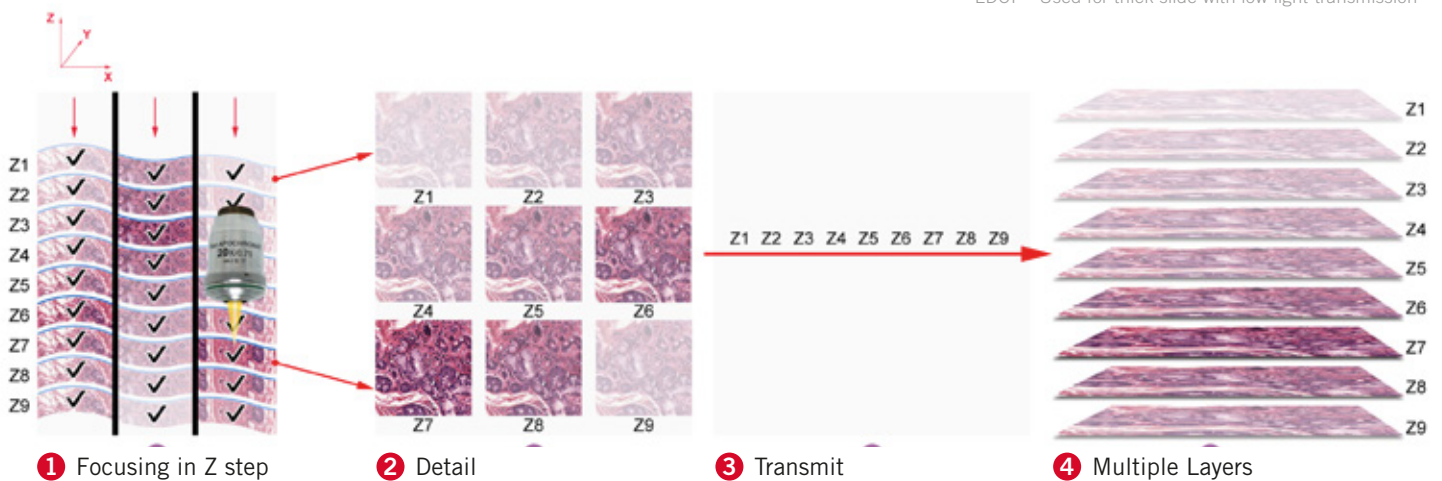
High Precision - Used for flatness slide or requirement for high precision image

EDF SCAN



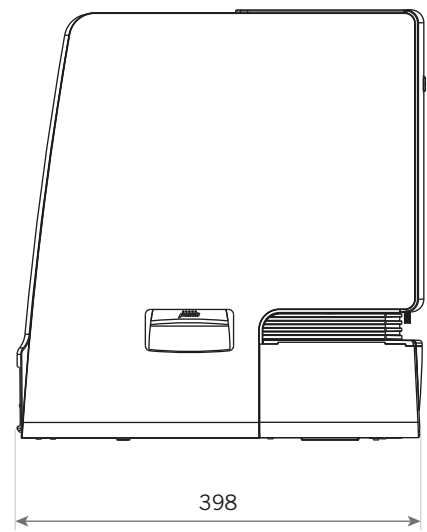
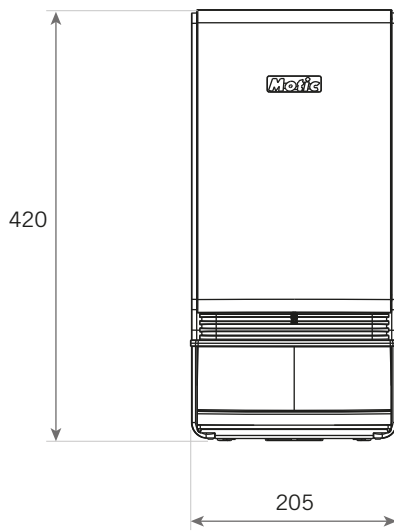
EDOF - Used for thick slide with low light-transmission

Z-STACK SCAN

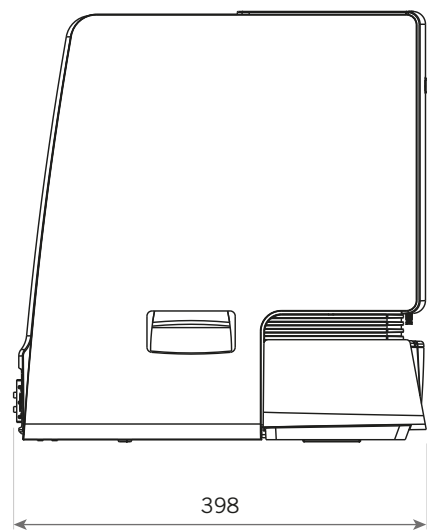
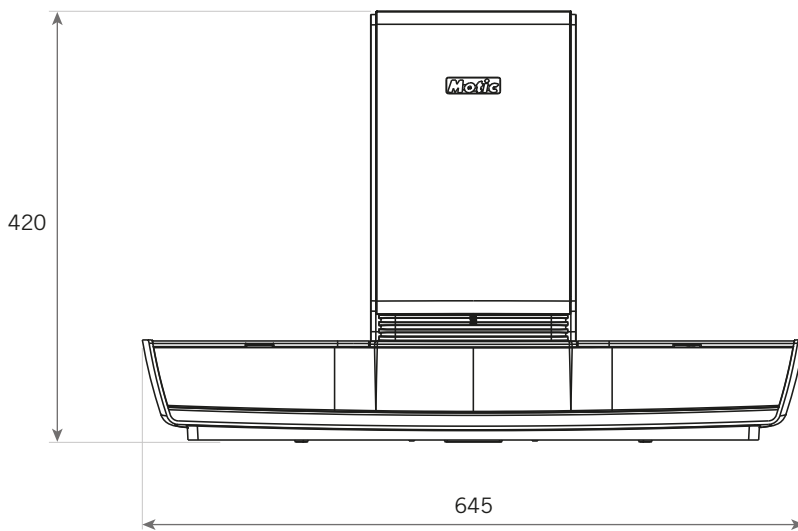


Z-Stack - Used for slide with 3D reconstruction

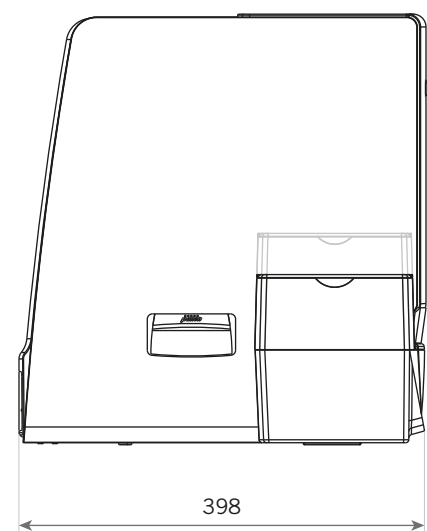
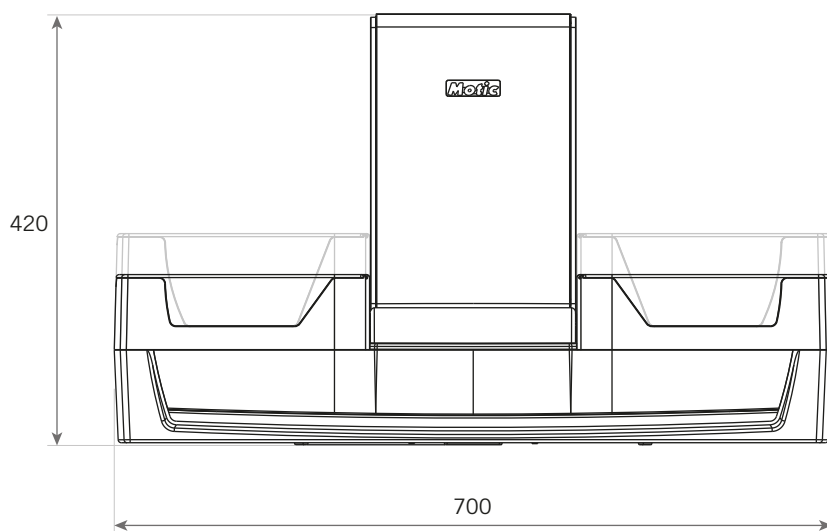
MoticEasyScan One

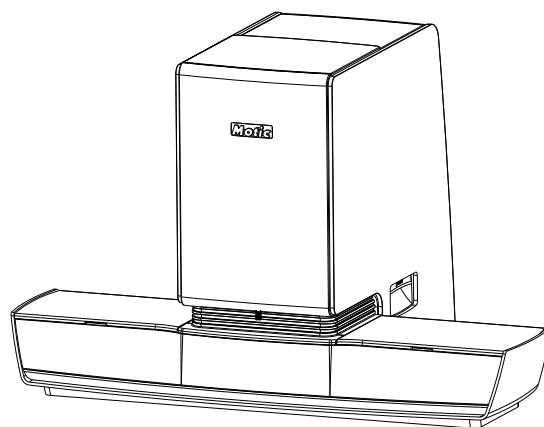
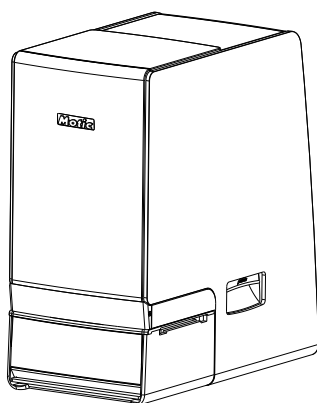


MoticEasyScan Pro

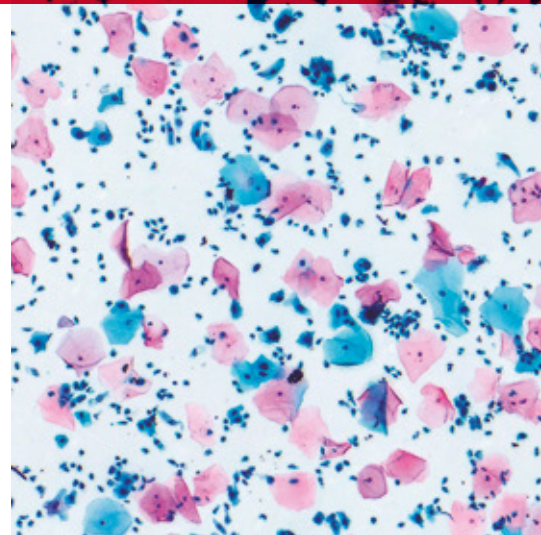
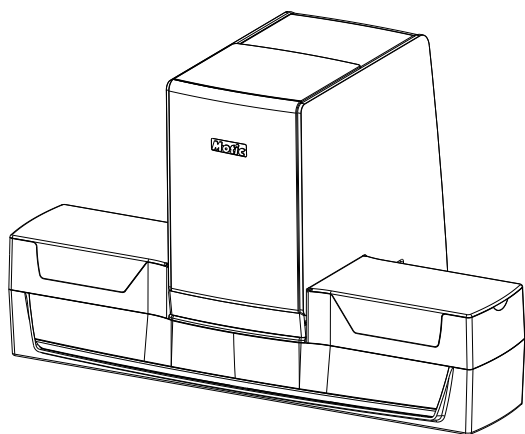


MoticEasyScan Infinity





Product Series	MoticEasyScan One	MoticEasyScan Pro	
Model	MoticEasyScan One	MoticEasyScan Pro 1	MoticEasyScan Pro 6
Objectives	Plan APOCHROMAT 20X/0.75 S Apo Objective 10X/0.3	Plan APOCHROMAT 20X/0.75 S Apo Objective 10X/0.3	
Optical System	CCIS®	CCIS®	
Scanning time (15x15m - full tissue)	Standard mode: 160s (40X - with 20X objective) Standard mode: 60s (20X - with 10X objective)	Standard mode: 160s (40X - with 20X objective) Standard mode: 60s (20X - with 10X objective)	
Resolution	40X: 0.26µm/pixel 20X: 0.52µm/pixel	40X: 0.26µm/pixel 20X: 0.52µm/pixel	
Focusing Technique	Real-time autofocus	Real-time autofocus	
Scanning camera	5.0 MP (2/3" high speed Sensor)	5.0 MP (2/3" high speed Sensor)	
Nosepiece	3 hole	3 hole	
Light source	10W LED (Lifetime: 25,000 Hours)	10W LED (Lifetime: 25,000 Hours)	
Slide capacity	1 Slide	1 Slide	6 Slides
Slide Tray	1 Slide Capacity	1 Slide Capacity	6 Slide Capacity
Slide dimensions	76 x 26mm	76 x 26mm	
Slide tolerances (mm)	Length: +0/-1, Width: +0/-1	Length: +0/-1, Width: +0/-1	
Scanning mode	Normal (Real-time autofocus) High precision (High precision autofocus) EDF (Extended depth of field) Z-Stack (Three Dimensional stacking)	Normal (Real-time autofocus) High precision (High precision autofocus) EDF (Extended depth of field) Z-Stack (Three Dimensional stacking)	
Barcode Support	1D: Interleaved 2 of 5, Code 39, Code 128 2D: Data Matrix, QR Code	1D: Interleaved 2 of 5, Code 39, Code 128 2D: Data Matrix, QR Code	
Computer	Not included / Optional Minimum Specifications: Intel Core i7-7700 16GB Memory 128GB SSD & 1TB SATA Disk Windows 10 Professional 64-bit	Included Dell OptiPlex 7450 All-in-One PC with 4K Resolution Intel Core i7-7700 / 16GB Memory 128GB SSD & 1TB SATA Disk DVD Recorder / Wireless Keyboard and Mouse Windows 10 Professional 64-bit	
Monitor	Not included / Optional	Included: All-in-One 23.8" LED Monitor	
Interface	USB 3.0	USB 3.0	
Included software	DSAssistant EasyScanner software (for MoticEasyScan One)	DSAssistant EasyScanner software (for MoticEasyScan Pro)	
Optional software	DSAConference, DSServer	DSAConference, DSServer	
Optional objective	S Apo Objective 40X/0.75	S Apo Objective 40X/0.75	
Optional Modules	No	No	Vet Mode (76x50mm slide)
Dimensions	205 x 398 x 420mm	645 x 398 x 420mm	
Net weight	12.6 kg (without PC)	~16 Kg.	



MoticEasyScan Infinity

Product Series

QUICK OVERVIEW

MoticEasyScan Infinity 60	MoticEasyScan Infinity 100
Plan APOCHROMAT 20X/0.75	
S Apo Objective 10X/0.3	
CCIS®	
Standard mode: 160s (40X - with 20X objective)	
Standard mode: 60s (20X - with 10X objective)	
40X: 0.26µm/pixel	
20X: 0.52µm/pixel	
Real-time autofocus	
5.0 MP (2/3" high speed Sensor)	
3 hole	
10W LED (Lifetime: 25,000 Hours)	
60 Slides	102 Slides
6 Slide Capacity (10 trays)	6 Slide Capacity (17 trays)
76 x 26mm	
Length: +0/-1, Width: +0/-1	
Normal (Real-time autofocus)	
High precision (High precision autofocus)	
EDF (Extended depth of field)	
Z-Stack (Three Dimensional stacking)	
1D: Interleaved 2 of 5, Code 39, Code 128	
2D: Data Matrix, QR Code	
Included	
Dell OptiPlex 7450 All-in-One PC with 4K Resolution	
Intel Core i7-7700 / 16GB Memory	
128GB SSD & 1TB SATA Disk	
DVD Recorder / Wireless Keyboard and Mouse	
Windows 10 Professional 64-bit	
Included: All-in-One 23.8" LED Monitor	
USB 3.0	
DSAssistant, DSServer	
EasyScanner software (for MoticEasyScan Infinity)	
DSAConference	
S Apo Objective 40X/0.75	
Vet Mode (76x50mm slide)	
700 x 398 x 420mm	
~33 Kg.	~33.4 Kg.

Model
Objectives
Optical System
Scanning time (15x15m - full tissue)
Resolution
Focusing Technique
Scanning camera
Nosepiece
Light source
Slide capacity
Slide Tray
Slide dimensions
Slide tolerances (mm)
Scanning mode
Barcode Support
Computer
Monitor
Interface
Included software
Optional software
Optional objective
Optional Modules
Dimensions
Net weight

MoticEasyScan One

MoticEasyScan Pro 1

MoticEasyScan Pro 6

MoticEasyScan Infinity 60

MoticEasyScan Infinity 102

Motic®

Canada | China | Germany | Spain | USA



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Design Change: The manufacturer reserves the right to make changes in instrument design in accordance with scientific and mechanical progress, without notice and without obligation.

Designed in Barcelona (Spain)

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Official Distributor: