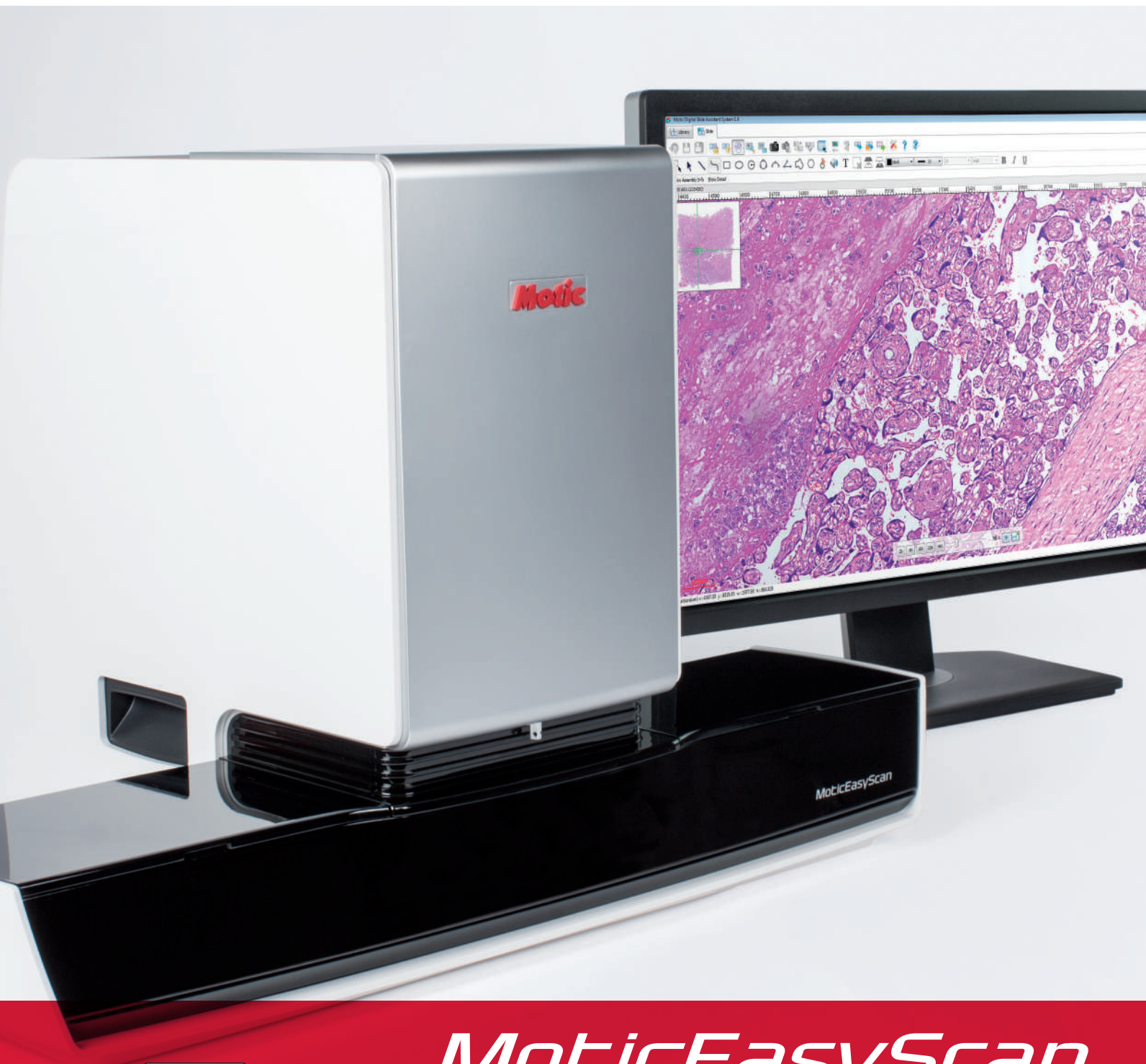
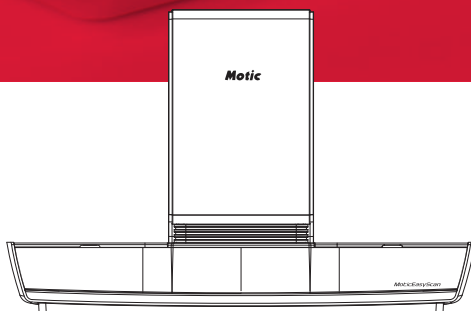


DIGITAL PATHOLOGY SOLUTIONS



# *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:

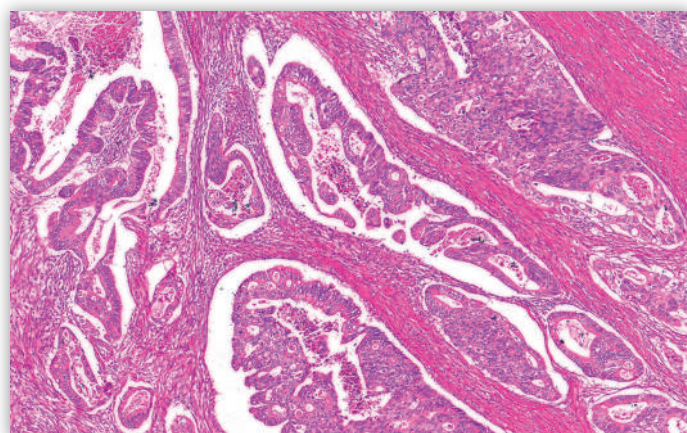
- Safe storage of confidential patient information
- Perpetual slide database for long-term scientific work
- Simplified day-to-day routine operations
- Shareable clinical expertise
- Worldwide, distance-less networking

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.

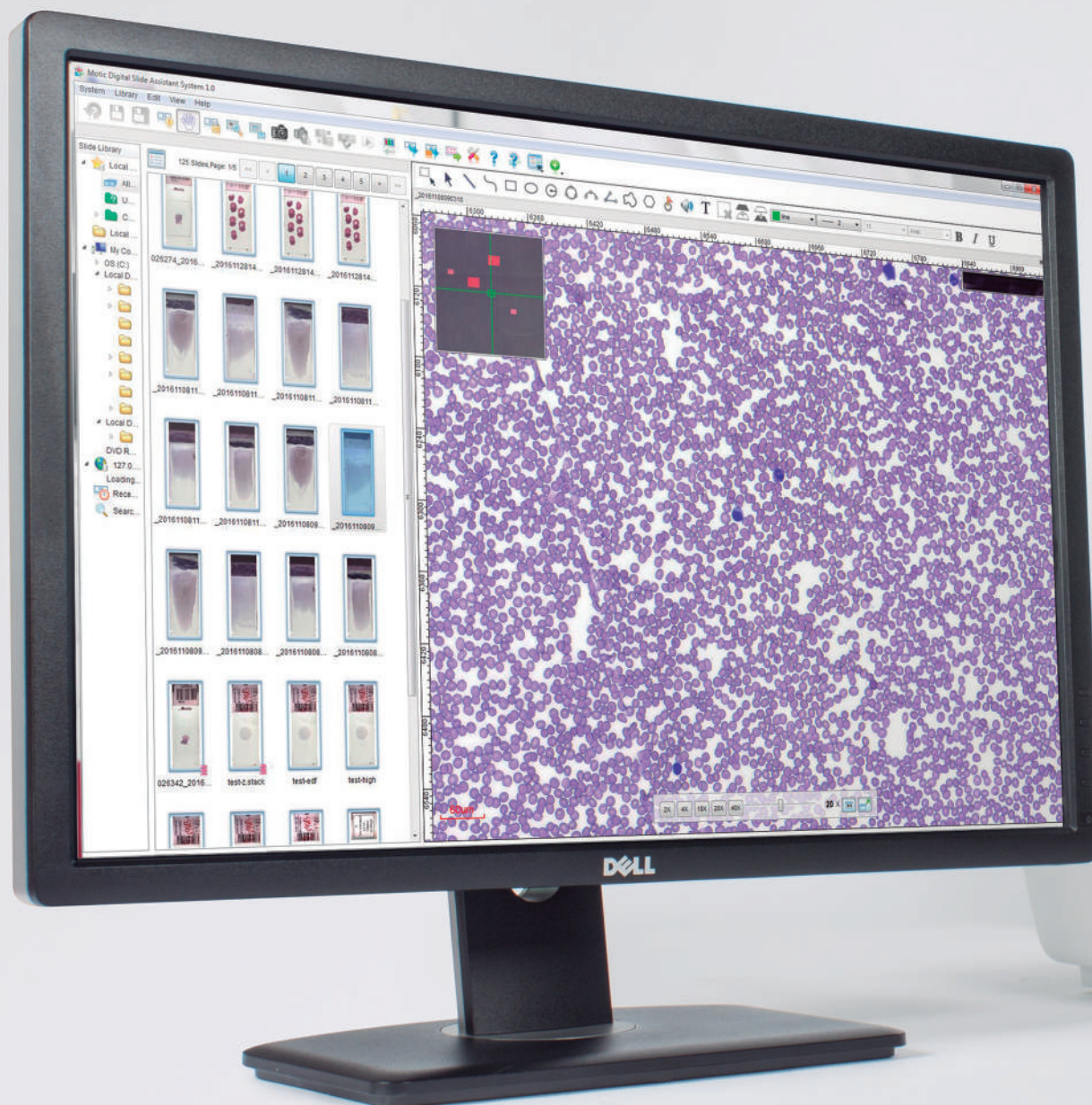
## TEACHING

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.



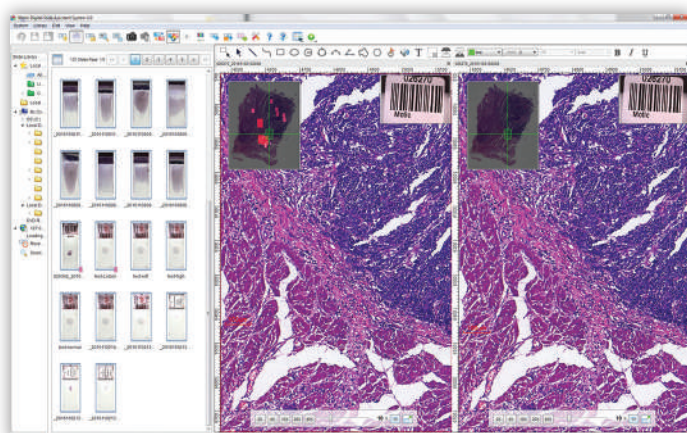
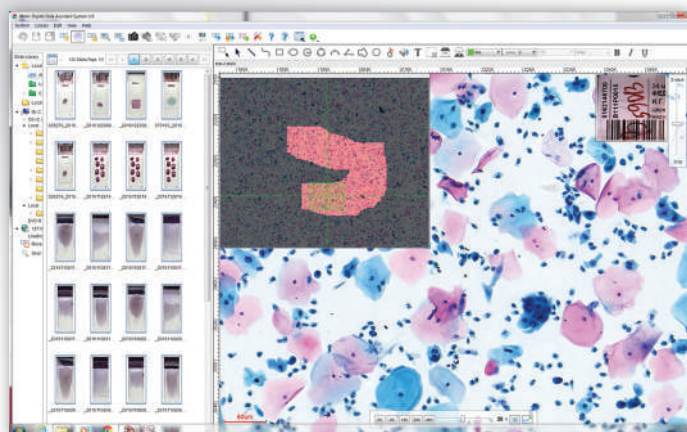
- Management interface with slide thumbnails and metadata display
- Image adjustments for fine tuning
- Robust annotation options for slide markup
- Quantify your results with easy measurement making
- Overlay functions to facilitate size estimates and counting
- Slide encryption for data security
- 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.

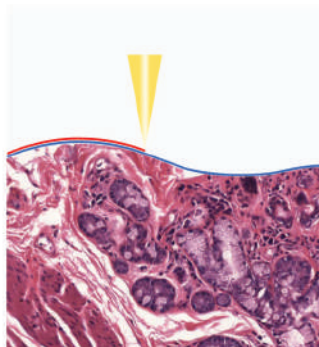
The standard scanning settings are password protected and may be modified to suit individual requirements. Once the tray is loaded, one simple click will kick off the entire scanning process start to finish, giving you high quality digital images for further use once complete.







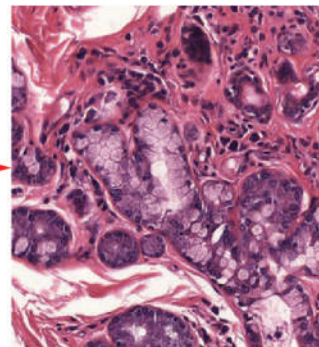
1 Overview



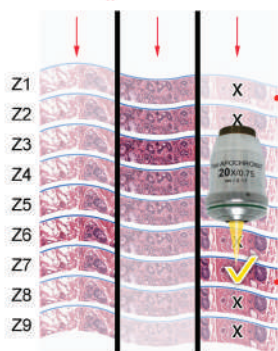
2 Detail



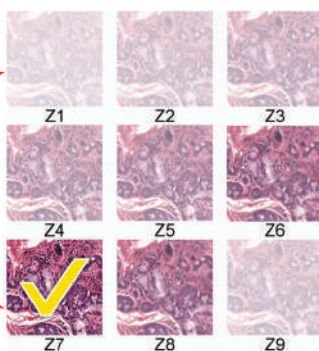
3 Transmit



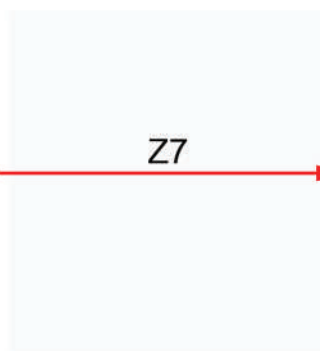
4 Single Layer



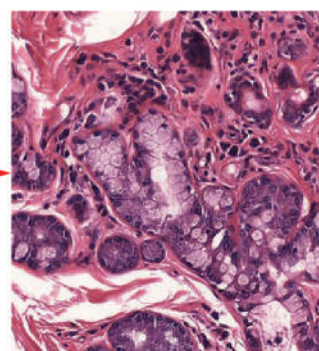
1 Focusing in Z step



2 Detail

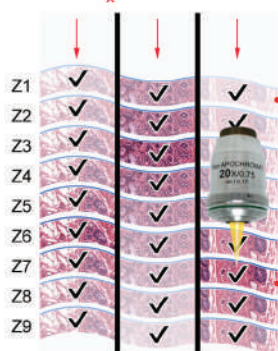


3 Calculation

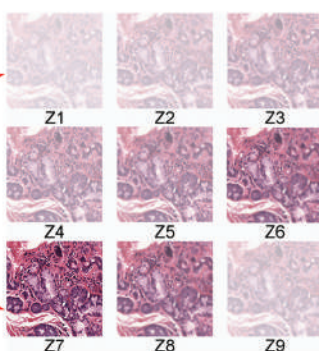


4 Single Layer

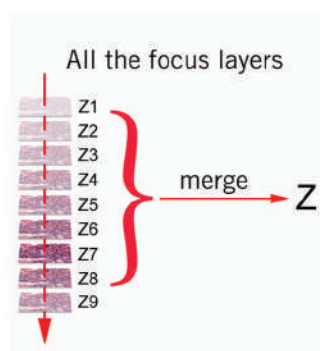
High Precision - Used for flatness slide or requirement for high precision image



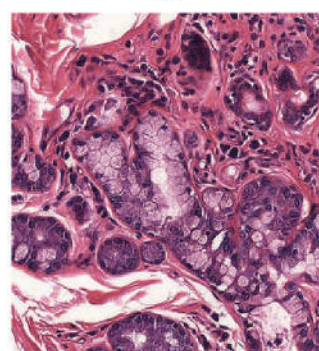
1 Focusing in Z step



2 Detail

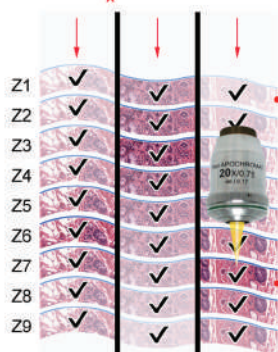


3 Calculation

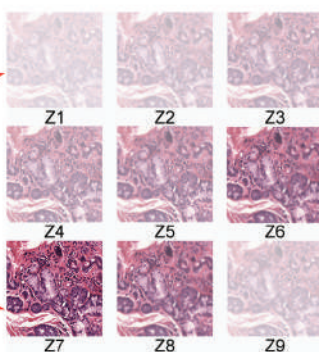


4 Single Layer

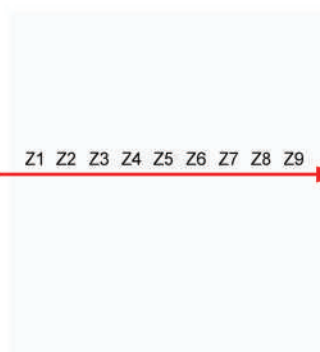
EDOF - Used for thick slide with low light-transmission



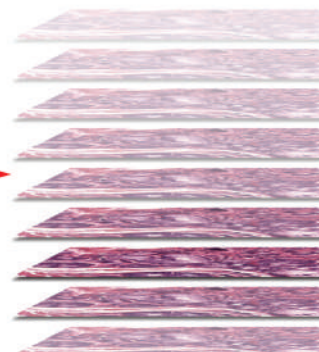
1 Focusing in Z step



2 Detail



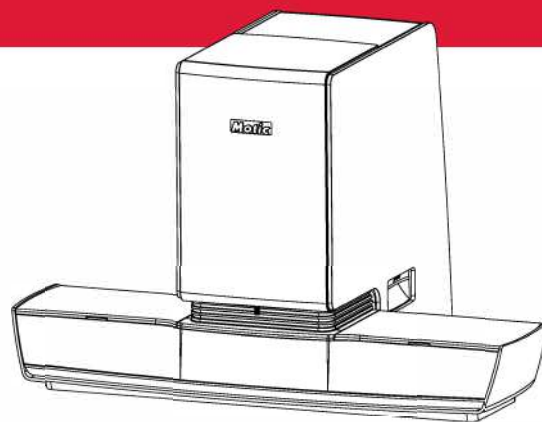
3 Transmit



4 Multiple Layers

Z-Stack - Used for slide with 3D reconstruction

## TECHNICAL SPECIFICATIONS



### Technical Specifications

### MoticEasyScan One

### MoticEasyScan Pro

<b>Model name</b>	MoticEasyScan One	MoticEasyScan Pro 6
<b>Objective</b>	Plan APOCHROMAT 20X/0.75	Plan APOCHROMAT 20X/0.75
<b>Scanning time</b> (15x15mm - full tissue)	Standard mode: 160s (40X) Standard mode: 60s (20X*)	Standard mode: 160s (40X) Standard mode: 60s (20X*)
<b>Focus</b>	Real-time autofocus	Real-time autofocus
<b>Scanning mode</b>	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)
<b>Imaging system</b>	3 camera imaging system	3 camera imaging system
<b>Scanning camera</b>	5.0 MP (2/3" high speed sensor)	5.0 MP (2/3" high speed sensor)
<b>Resolution</b>	40X: 0.26µm/pixel / 20X*: 0.52µm/pixel	40X: 0.26µm/pixel / 20X*: 0.52µm/pixel
<b>Nosepiece</b>	3 hole	3 hole
<b>Light source</b>	10W LED (Lifetime: 25,000 hours)	10W LED (Lifetime: 25,000 hours)
<b>Slide capacity</b>	1 slide	6 slides
<b>Slide dimensions</b>	76 x 26mm	76 x 26mm
<b>Slide tolerances (mm)</b>	Length: +0/-1, Width: +0/-1	Length: +0/-1, Width: +0/-1
<b>Computer</b>	Not included.  Minimum computer requirements: Intel Core i7-7700 / 16 GB Memory / 1TB SATA Disk / USB 3.0 / Windows 10 Professional 64 bit. / 23.8" Monitor	Dell OptiPlex 7450 All-in-One PC with 4k resolution 23.8" LED monitor / Intel Core i7-7700 / 16 GB Memory / 128 GB SSD & 1TB SATA Disk / DVD recorder / Wireless keyboard and mouse / Windows 10 Professional 64 bit.
<b>Connection interface</b>	USB 3.0	USB 3.0
<b>Included software</b>	DSAssistant  EasyScanner (for MoticEasyScan One)	DSAssistant  EasyScanner (for MoticEasyScan Pro)
<b>Optional software</b>	DSAConference, DSServer	DSAConference, DSServer
<b>Optional objectives</b>	S apo fluor objective 10X/0.3  S apo fluor objective 40X/0.75	S apo fluor objective 10X/0.3  S apo fluor objective 40X/0.75
<b>Dimensions</b>	202 x 398 x 420mm	645 x 402 x 420mm
<b>Net weight</b>	12.6 kg	16kg

\*with 10X optional objective



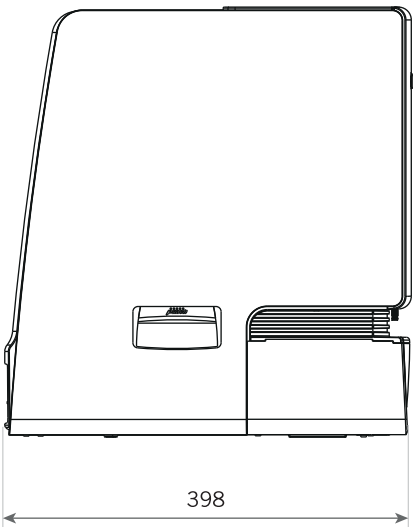
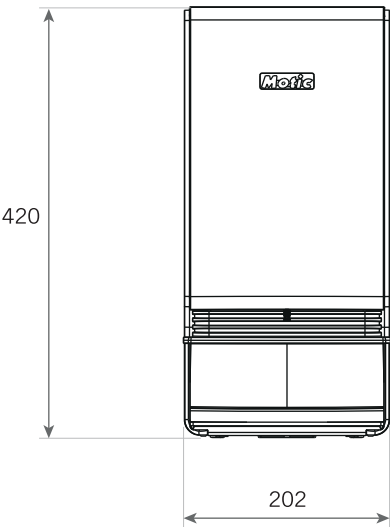
## MoticEasyScan Infinity

## Technical Specifications

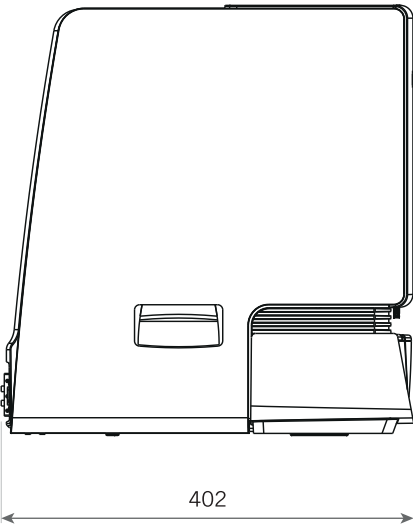
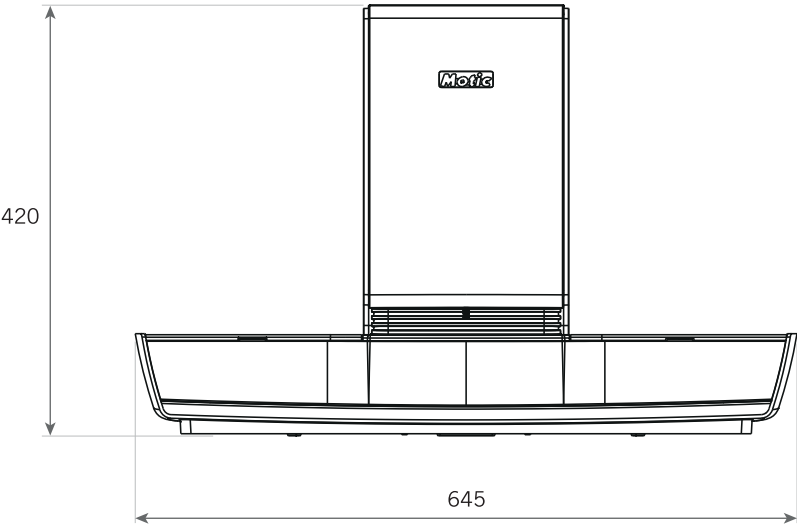
MoticEasyScan Infinity 60	MoticEasyScan Infinity 100	Model name
Plan APOCHROMAT 20X/0.75		Objective
Standard mode: 160s (40X)		Scanning time
Standard mode: 60s (20X*)		(15x15m - full tissue)
Real-time autofocus		Focus
Normal (Real-time autofocus)		Scanning mode
High precision (High precision autofocus)		
EDF (Extended depth of field)		
Z-Stack (Three dimensional stacking)		
3 camera imaging system		Imaging system
5.0 MP (2/3" high speed sensor)		Scanning camera
40X: 0.26µm/pixel / 20X*: 0.52µm/pixel		Resolution
3 hole		Nosepiece
10W LED (Lifetime: 25,000 hours)		Light source
60 Slides (10 trays)	102 Slides (17 trays)	Slide capacity
76 x 26mm		Slide dimensions
Length: +0/-1, Width: +0/-1		Slide tolerances (mm)
Dell OptiPlex 7450 All-in-One PC with 4k resolution		Computer
23.8" LED monitor / Intel Core i7-7700 / 16 GB Memory / 128 GB SSD & 1TB SATA		
Disk / DVD recorder / Wireless keyboard and mouse / Windows 10 Professional 64 bit.		
USB 3.0		Connection interface
DSAssistant		Included software
EasyScanner (for MoticEasyScan Infinity)		
DSAConference, DSServer		Optional software
S apo fluor objective 10X/0.3		Optional objectives
S apo fluor objective 40X/0.75		
700 x 395 x 420mm		Dimensions
33 kg	33.4 kg	Net weight



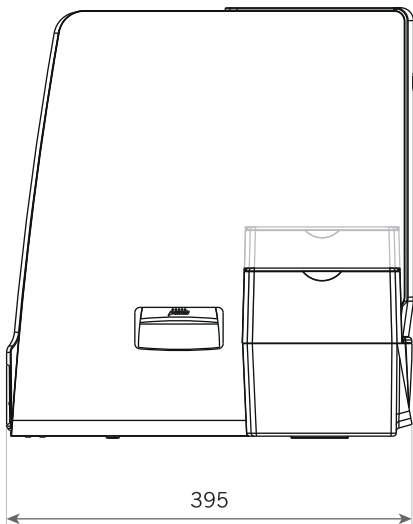
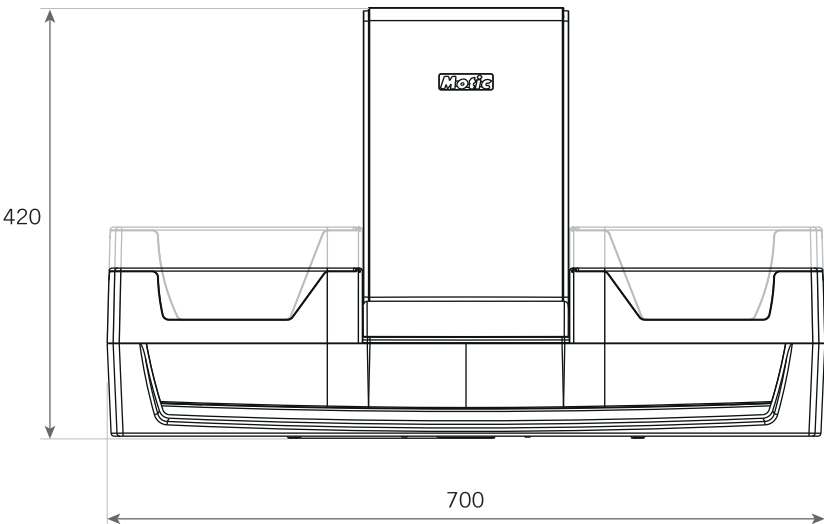
MoticEasyScan One



MoticEasyScan Pro



MoticEasyScan Infinity





Canada | China | Germany | Spain | USA



[www.moticeasyscan.com](http://www.moticeasyscan.com) | [www.motic.com](http://www.motic.com)

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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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