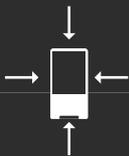




MoticFlexScan One | MoticFlexScan 6

The MoticFlexScan One and MoticFlexScan 6 are digital slide scanners developed by Motic, designed to support both brightfield and fluorescence scanning.

In the fluorescence scanning function, a long-life LED is used as a fluorescent excitation light source, which can achieve fast wavelength switching. Single - and multi-channel composite scanning is supported, and each channel can be set to different exposures and intensifiers for better image quality. The low-magnification objective scan section can be used as a macro map, allowing the user to select the scanning area of interest, and at the same time, the LED fluorescent light source is automatically turned off at the end of the scan to reduce the risk of slide quenching.



Compact footprint

Perform the whole slide scanning at 40x brightfield or using 3-color IF



2-in-1 brightfield (BF) and immunofluorescence (IF) imagery

Single-side capacity with the same dimension as a Keurig espressomachine



Easy to use

A single cable connection to any PC with an easy plug-and-play setup and stress-free calibration



Name	MoticFlexScan One	Motic FlexScan 6
Capture Resolution	5 Megapixel	
Bright field / Fluorescence Switching	Electric Switch	
» Slide Capacity	1 slide	6 slide
Magnification and Resolution	8X:1.3um/pixel; 20X:0.52um/pixel; 40X:0.26um/pixel;	
Slide Specifications	Length:75~76mm ;Width:25~26mm ;Thickness:0.9~1.2mm	
Scanning Camera	5M Color CMOS	
Interface	USB3.0 and USB2.0	
Objectives	10X Plan S-Apochromatic at 0.3 NA;	
	20X Plan Flour 0.5 NA;	
	4X Plan UC 0.1 NA	
Focus Mechanism	Focus point map	
Barcode Support	1D: Interleaved 2 of 5, Code 39	
Brightfield Mode		
Bright field illumination	Built-in LED	
Bright field focusing	Hardware real-time focusing device	
Scanning Mode	Standard, High Precision, Depth of Field, Extension, Z-Stack	
Scanning time 15mm*15mm	20X with 10X objective: 40s, 40X with 20X objective: 75s	
Illumination	LED 10W	
Fluorescent Mode		
Fluorescent excitation source	LUMOS LED Fluorescent light source (external)	
Optical interface for fluorescent light source	Optical fiber	
Electronic interface for fluorescent light	USB2.0	
Illumination	LUMOS 3	
Excitation wavelength	UV:383~407nm;B:466~496nm;G:549~574nm	
Channel switch	Electric switch	
Photograph mode	A single channel takes pictures and obtains color images. The exposure and enhancement parameters of a single channel can be set up.	
	The same field of view is taken in different channels and then the color image is synthesized. The exposure, enhancement and other parameters of each channel can be set up separately.	
Scanning time	3 color FL <20min at 20X	
Scanning Mode	Standard, high precision, depth of field extension, Z-Stack	
Fluorescent map	The slide area can be seen by scanning the entire slide under the DAPI channel using a 4x objective	