

# Motic®

## EasyZoom

Hyper-focal digital microscope



50x to 5800x  
magnification with single lens body

## Technical Specifications

Technical Specifications		
<b>Easyzoom2/ Easyzoom2PS</b>	Total magnification	25x~200x
	FOV	19.80mm~2.48mm
	Working distance	36mm
	AMS function	Active
<b>Easyzoom5</b>	Total magnification	50x~5800x
	FOV	9.9mm~0.09mm
	Working distance	10mm(100x objective 3mm)
	AMS function	Active
<b>Easyzoom5S</b>	Total magnification	200x~1160x
	FOV	2.48mm~0.43mm
	Working distance	10mm
	AMS function	Active
<b>Computer</b>	Intel i7 Processor	
	Solid State Drive SSD 256G	
	Mechanical Hard Disk 1T	
	27-inch 4K HD Screen	
<b>High Precision Frames</b>	Upper-Z axis travel distance (manual)	50mm
	Top-Z Resolution	1 μm
	Lower-Z-axis travel distance (manual)	50mm
	Ambient temperature	10°C to 40°C (no condensation)
	Relative humidity	Below 85% (no condensation)
	Dimensions (mm)/ Weight	273(W) x 467.1(H) x 444(D) / 8kg
<b>Swing frame</b>	Upper-Z axis travel distance (manual)	50mm
	Top-Z Resolution	1 μm
	Lower-Z-axis travel distance (manual)	50mm
	Swing angle	-60°~+90°
	ambient temperature	10°C to 40°C (no condensation)
	Relative humidity	Below 85% (no condensation)
<b>Motorized Z-axis</b>	Distance	30mm
	Resolution	0.1 μm
	Repeatability	1 μm
	Dimensions (mm)/ Weight	Module: 60(W) x 158(H) x 42(D) / 1.6kg
<b>Electric control platform</b>	2D image stitching	
	3D image stitching	
	Distance	100(X) x 100(Y)mm
	Drive mode	Electric
	Size	8 inches
	3D display function	
<b>Manual control of the platform</b>	3D contour correction function	
	Drive mode	Manual
	Size	4 inches
<b>Lighting source</b>	Distance	104(X) x 102(Y)mm
	LED	5V1A bright LED
	LED life	40000 hours
	Color temperature	5650K

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<b>Observation function</b>	Lighting switch function
	Bottom lighting
<b>Display function</b>	Full screen function
	Screen split function
	Annotation display function
<b>Picture quality improvement function</b>	HDR function
<b>Image stitching function</b>	Fine shooting function
	2D image stitching
<b>3D stitching function</b>	3D image stitching
	Fast compositing and 3D function
	High-quality deep compositing
	3D display function
<b>Storage function</b>	3D shape correction function
	Report output (EXCEL)
	2D image saving
	3D image saving
	Video recording playback function
<b>Measurement function</b>	Width, height difference, angle, etc.
	Plane height measurement
	3D comparative measurements
	Spherical angle measurement
	Ruler display
	Lens magnification automatic recognition function
	Horizontal calibration function
	Noise removal function
	Automatic counting function
	Automatic height measurement
CSV save	
<b>3D measurement function</b>	3D profile measurement
	Point height measurement
	Line and surface roughness measurement
<b>Manual X,Y Measurement System</b>	Dynamic EDF
<b>Practical features</b>	Simple mode
	Each user set value storage
	Internet connection function
<b>PC software</b>	Feature Guide
	Communication software

# Motic®

Canada | China | Germany | Spain | USA



[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.

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Official Distributor: