

Motic®

EasyZoom

Hyper-focal digital microscope



50x to 5800x

magnification with single lens body



Global Source

EQUIP TO INNOVATE

Technical Specifications

Technical Specifications		
Easyzoom2/ Easyzoom2PS	Total magnification	25x~200x
	FOV	19.80mm~2.48mm
	Working distance	36mm
	AMS function	Active
Easyzoom5	Total magnification	50x~5800x
	FOV	9.9mm~0.09mm
	Working distance	10mm(100x objective 3mm)
	AMS function	Active
Easyzoom5S	Total magnification	200x~1160x
	FOV	2.48mm~0.43mm
	Working distance	10mm
	AMS function	Active
Computer	Intel i7 Processor	
	Solid State Drive SSD 256G	
	Mechanical Hard Disk 1T	
	27-inch 4K HD Screen	
High Precision Frames	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
Swing frame	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)
Motorized Z-axis	Distance	30mm
	Resolution	0.1 μm
	Repeatability	1 μm
	Dimensions (mm)/ Weight	Module: 60(W) x 158(H) x 42(D) / 1.6kg
Electric control platform	2D image stitching	
	3D image stitching	
	Distance	100(X) x 100(Y)mm
	Drive mode	Electric
	Size	8 inches
	3D display function	
Manual control of the platform	3D contour correction function	
	Drive mode	Manual
	Size	4 inches
Lighting source	Distance	104(X) x 102(Y)mm
	LED	5V1A bright LED
	LED life	40000 hours
	Color temperature	5650K

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Observation function	Lighting switch function
	Bottom lighting
Display function	Full screen function
	Screen split function
	Annotation display function
Picture quality improvement function	HDR function
Image stitching function	Fine shooting function
	2D image stitching
3D stitching function	3D image stitching
	Fast compositing and 3D function
3D stitching function	High-quality deep compositing
	3D display function
	3D shape correction function
	Report output (EXCEL)
Storage function	2D image saving
	3D image saving
	Video recording playback function
	Width, height difference, angle, etc.
Measurement function	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
3D measurement function	3D profile measurement
	Point height measurement
	Line and surface roughness measurement
Manual X,Y Measurement System	Dynamic EDF
Practical features	Simple mode
	Each user set value storage
	Internet connection function
PC software	Feature Guide
	Communication software

Motic®

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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 at Motic Scientific in Xiamen

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Official Distributor: