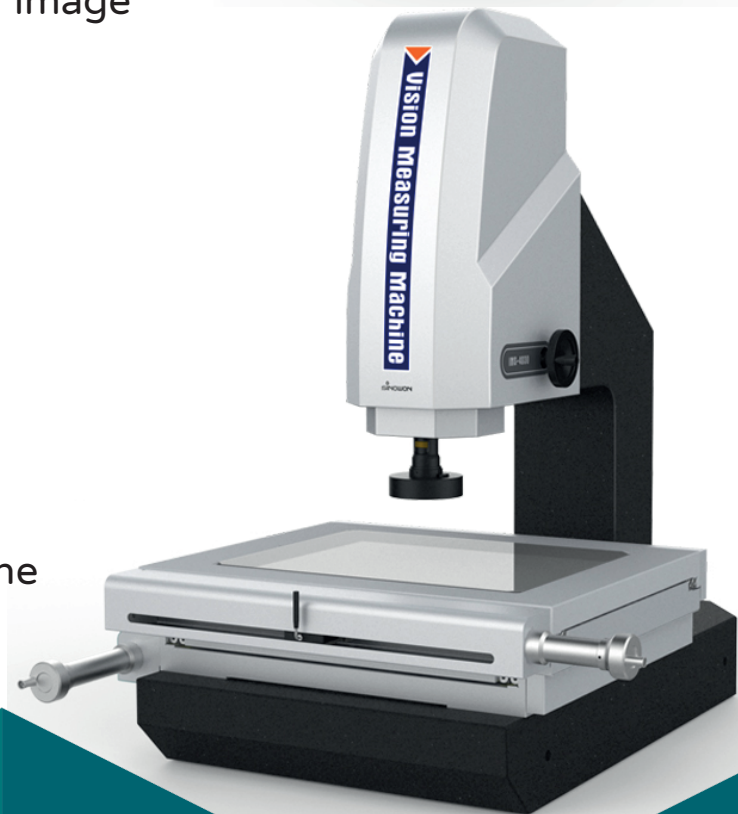


מכונות מדידה ידניות אופטיות 3D & 2.5D iSemi Vision Measuring Machines

- ▶ High precision marble base and pillar ensures the high stability of vision measuring system
- ▶ High precision toothless rod and fast moving locking device ensures repeatability error is less than 2um
- ▶ High precise working stage with 0.5um optical linear scales ensures the accuracy is less than $2.5+L/200\mu\text{m}$
- ▶ High definitive detent zoom lens and high resolution digital camera ensures clear image without distortion
- ▶ With programmable surface 4-ring 8-division LED Cold Illumination and contour LED telecentric illumination and built-in intelligent light adjustment, it can automatic control the brightness in the 4-ring 8-division
- ▶ *Britain touch trigger probe and powerful function iMeasuring3.1 3D Measuring Software, highly enhance the quality control

*3D version only



Specification

model	3D	2.5D
mode	iMS-2515FP	iMS-2515
Code#	521-150FP	521-150F
Working Table	408x308mm	408x308mm
Material	Metal Table	Metal Table
Glass Table	306x198mm	306x198mm
X/Y-axis Travel	250x150mm	250x150mm
Z-axis Travel	High-precision linear guide, working travel 200mm	High-precision linear guide, working travel 200mm
X/Y/Z-axis Travel	0.0005mm	0.0005mm
X/Y-axis Accuracy	$\leq 3+L/200(\mu\text{m})$	$\leq 2.5+L/200(\mu\text{m})$
Repeatability Error	2 μm	2 μm
Base and Pillar	High Accuracy Jinan Qing Marble	High Accuracy Jinan Qing Marble
Illumination System (Software Adjustment)	Surface: Adjustable 0~255 grade 3-ring 8-division LED Cold Illumination, every division can be adjust independently	Surface: Stepless Adjustable 4-ring 8-division LED Cold Illumination
	Contour: LED Parallel Illumination	Contour: LED Parallel Illumination
	Laser Navigation Lights	LED Laser Navigation
CCD Camera	High Resolution Digital Camera	High Resolution Digital Camera
Zoom lens	6.5X High Resolution Detented Zoom Lens	6.5X High Resolution Detented Zoom Lens
	Magnification: 0.7X~4.5X; Video Magnification: 26X~172X	Magnification: 0.7X~4.5X; Video Magnification: 26X~172X

Specification

model	3D	2.5D
Working Environment	Temperature : 20°C±2°C, change range < 2°C/hr	Temperature : 20°C±2°C, change range < 2°C/hr
	Humidity : 30% ~80%RH	Humidity : 30% ~80%RH
	Vibration<0.002g, <15Hz	Vibration<0.002g, <15Hz
Measuring Software	iMeasuring 3.2	iMeasuring 2.1
Operation System	Support XP, WIN7, WIN8.1, WIN 10,32/64 operating system	Support XP, WIN7, WIN8.1, WIN 10,32/64 operating system
Dimension(W*D*H)	790x617x1000mm	790x617x1000mm
Net Weight	175Kg	175Kg
Touch Probe	Britain MCP K2	—
Focus Modelt	Autofocus	—

לפרטים נוספים צרו קשר
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