



## Image Dimensional Measurement Instrument

IMAGE 3 MAX

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### Specifications

Model		IMAGE 3 MAX		
Camera		1"12MP pixel black white CMOS		
Lens		Double magnification double side telecentric lens		
Height Measurement Sensor		8055-point spectral confocal sensor		
Monitor		12.1"LCD monitor		
Z-Axis Travel		75mm		
Image Measurement	Measurement Range	High Precision Mode	206.4×104.8mm	
		Big FOV Mode	218.8×114.1mm	
	Lens FOV	High Precision Mode	6.4×4.8mm	
		Big FOV Mode	18.8×14.1mm	
	Repeatability	High Precision Mode	±1um	
		Big FOV Mode	±1.5um	
	Measuring Accuracy	High Precision	Non-Connected	±1um
			Connected	±(1.5+L/150)um
Big FOV		Non-Connected	±1.5um	
		Connected	±(2+L/150)um	
Working Distance		80mm		
Height Measurement	Repeatability		±2um	
	Measuring Accuracy		±(3.5+L/25)um	
	Working Distance		55mm	
	Range		±3mm	
Light Control	Bottom Light		Green through light source	
	Surface Light		Liftable four-drive white ring light source	
	Coaxial Light		Inside coaxial light source	
Working Stage Load		5KG		
Software		Image		
Power Supply		220V±10%		
Working Environment		Temperature: 20±3°C, Humidity: 30%-80%, Vibration: <0.002G, 15Hz		
Dimension (L×W×H)		600×510×700mm		

