



**Image Dimension Measurement System  
IMAGE Series**

SPEEDY · SIMPLER · ACCURATE

**Product Parameter Table**

Equipment Model			IMAGE 3 PRO-H	
Imaging Measurement	Measuring Range (mm)	High precision measurement mode(X*Y*Z)	226*117*75	
		Wide field of view measurement mode(X*Y*Z)	300*200*75	
	Lens field of view (mm)	High-precision measurement mode	26×18	
		Wide field of view measurement mode	Φ100	
	Repeat Accuracy (μm)	High-precision measurement mode	±2	
		Wide field of view measurement mode	±4	
	Measurement accuracy(μm)	High-precision measurement mode	Non-stitching	±2
			Stitching	±(2+L/50)
Wide field of view measurement mode		Non-stitching	±4	
		Stitching	±(4+L/50)	
Height measurement	Repeatability (μm)		±2	
	Measurement Accuracy (μm)		±(3.5+L/50)	
	Working Distance(mm)		55	
	Range (mm)		±3	
Optical System	Camera		1" 20 Megapixel B/W CMOS Camera*2	
	Leny		Double-magnification bilateral telecentric lens	
	Surface Light		Liftable quad white ring light + green gap light source	
	Back Light		Green parallel bottom light source	
	Coaxial Light Optical		Built-in coaxial light source (optional)	
Height sensors	Spectral Confocal Probes		8055	
	Spectral Measurement Range (mm)		122×100×75	
	Measurement Angle		±13.6°	
	Spot Size (μm)		17	
	Linear Accuracy		0.02%F.S.	
Table Load(kg)			5	
Software			AI-Image (self-developed)	
Supply Power Supply			220V+20%, 50Hz	
Working Environment			Temperature: 20±3°C; Humidity: 30-80% (no condensation); Vibration: <0.002g 15Hz	
Minimum Display Unit (μm)			0.1	
Instrument Weight (kg)			45	
Overall Dimension(l*w*h)(mm)			625*510*650	

