

Precision Elegant CNC Video Measuring System VMC Series



Application:

VMC Series is the high precision type CNC video measuring system developed by HST Group.

It has been widely applied in machinery, electronics, mould and other industries for precision automatic measurement.

Technical parameter:

Model		VMC3020	VMC4030	VMC5030
Worktable	Work Table Size(mm)	600*390	700*490	800*490

	Glass Table Size(mm)	350*250	450*350	550*350
	XY Stroke(mm)	300*200	400*300	500*300
Z Stroke		200(Focus)	200(Focus)	200(Focus)
Resolution		1/0.5μm		
Accuracy E1*		Ex,y ≤ (2.8+L/200) μm		
Accuracy E2*		Exy ≤ (3.3+L/200) μm		
Instrument Weight (kg)		330	450	500
Instrument Dimension (mm)		620*840*1020	720*1040*1020	800*1040*1020
Motor	Three-axis Max. Velocity		X,Y: 400mm/s Z: 200mm/s	
	Three-axis Positioning Accuracy		0.001mm	
Imaging System	Camera		TEO™ Color 1 / 2 "CCD Camera	
	Zoom Lens		Manual Zoom Lens	
	Zoom Lens Magnification		0.7-4.5X	
	Video Magnification		20-128X	
	Object Field		11.1-1.7mm	
	Power Consumption		600W	
Instrument Accessories	1X Tube (standard)		0.5X Tube (optional)	WD
Zoom lens	0.7-4.5X		0.7-4.5X	

Add Lens	video magnification	object field	video magnification	object field	
0.5X(option)	10X-64X	22-3.4	5X-32X	44-6.8	175
1.0X(standard)	20X-128X	11.1-1.7	10X-64X	22-3.4	92
2.0X(option)	40X-256X	5.5-0.9	20X-128X	11.1-1.7	36

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