

Economical CNC Video Measuring System VMS Series



Application:

The VMS series is a universal CNC video measurement system developed by the HST Group. Widely used in mechanical, electronic, aerospace, automotive, military, mold and other industries of precision automatic measurement

Technical parameter:

Model		VMS-3020E	VMS-4030E	VMS-5040E
Worktable	Work Table Size(mm)	500*330	606*466	706*566
	Glass Table Size(mm)	350*280	450*350	550*450
	X,Y Stroke(mm)	300*200	400*300	500*400

Z Stroke	150(Focus)		150(Focus)		150 (Focus)
Resolution	1/0.5 μm				
Accuracy E1*	Ex, y ≤ (3.0+L/200) μm				
Accuracy E2*	Exy ≤ (3.5+L/300) μm				
Instrument Weight (kg)	270		450		500
Instrument Dimension (mm)	670*660*950		720*950*1020		800*1040*1020
Motor	Three-axis Max. Velocity		X,Y: 400mm/s Z: 200mm/s		
	Three-axis Positioning Accuracy		0.001 mm		
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		
	FOV		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	FOV	Video Magnification	FOV	
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

HST GROUP Co., LTD.

NO. 4915, West Jingshi Road, Jinan 250012, PR CHINA.

Tel/Whatsapp: +86-15866779505

www.hssdgroup.com - e-mail: sales02@hssdtest.com