

Large Gantry CNC Video Measuring System VMG Series



Application:

The VMG series is the HST Group's latest large-stroke gantry CNC video measurement system. Using the original Japanese imported wire rod drive and servo control technology, combined with the automatic measurement software independently developed by our company, has been widely used in LCD display parts, PCB, communication equipment parts, sheet metal, aerospace industry and other industries of precision vehicle measurement.

Technical parameter:

Model	VMG0203	VMG0405	VMG0608	VMG0810	VMG1012	VMG1215	VMG1518
Glass Size (mm)	300*400	500*600	700*900	900*1000	1100*1300	1300*1600	1600*1900

X,Y Stroke (	200*300	400*500	600*800*200	800*1000*20	1000*1200*2	1200*1500*2	1500*1800*2
mm)				0	00	00	00
Z Stroke(mm				200			
)							
Load				approx. 35 kg			
Capacity							
Dimension (	820*1020*1	1020*1220*1	1220*1520*1	1420*1720*1	1620*1920*1	1820*2220*1	2120*2520*1
mm)	600	600	600	600	600	600	600
Weight(kg)	1000	1250	1380	2000	2500	3000	4000
Resolution				0.5/0.1μm			
Camera				TEO™ 1 / 2" CCD Camera			
Zoom Lens				professional auto zoom lens	Zoom lens magnification: 0.7-4.5X		
Video							
Magnificatio				20-128X			
n							
FOV				12.7 mm			
Accuracy							
E1*		$Ex,y \leq (2.8+L/200)\mu m$		$Ex,y \leq (3.5+L/200)\mu m$		$Ex,y \leq (4.5+L/200)\mu m$	
Accuracy							
E2*		$Exy \leq (3.3+L/200)\mu m$		$Exy \leq (4.5+L/200)\mu m$		$Exy \leq (5.8+L/200)\mu m$	

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