

VIDEO MEASURING SYSTEM
MANUAL VIDEO MEASURING SYSTEM (G SERIES)

Features

- Independently developed QMS3D-M software, high resolution imported color camera
- By availing the auxiliary light adjusting function of the software, the user knows whether the light is saturated.
- The laser indicator can quickly locate the target workpiece, which is suitable for measuring sophisticated workpiece.
- Auxiliary height measuring can be achieved.
- “T” groove type worktable can house various fixtures (VMS-1510G excluded)
- The resolution of the linear scale is 0.5um
- Foot switch and software facilitate operation of the machine

Optional : crosshair, DC3000 digital display, Renishaw MCP probe, coaxial light lens.



Application

Widely used in the field of electronics, machinery, instrument and plastic, G series video measuring system is used in two dimension measuring.

Specifications

Model		VMS-1510G	VMS-2010G	VMS-2515G	VMS-3020G	VMS-4030G
Worktable	Metal worktable size(mm)	354*228	404*228	450*280	500*330	606*466
	Glass worktable size(mm)	210*160	260*160	306*196	350*250	450*350
	Travel(mm)	150*100	200*100	250*150	300*200	400*300
X,Y,Z axis resolution		0.5 μ m				
Accuracy(μ m)		E1XY=(2.5+L/100)μ m				
Weight (kg)		100	110	120	140	240
Z axis travel (mm)		150 (can be customized to 300)				Can be customized to 400
Video system	Camera : 1/3" color CCD camera		Zoom lens: 0.7X~4.5X			
	Total magnification: 24X -150X (21.5" monitor)		Field view: 8.1mm~1.3mm			
Power: AC 100-240V 50/60Hz		Power: 50W (computer excluded)				
Spare parts	1.0X lens cone (standard)		0.5X lens cone (optional)		working distance (mm)	
Zoom lens	0.7X~4.5X		0.7X~4.5X			
Additional lens	Magnification	Object view(mm)	Magnification	Object view(mm)		
0.5X (optional)	12X ~ 75X	16.2~2.6	6X ~ 37.5X	32.4~5.2	175	
1.0X (standard)	24X ~ 150X	8.1~1.3	12X ~ 75X	16.2~2.6	92	
2.0X(optional)	48X ~ 300X	4~0.7	24X ~ 150X	8.1~1.3	36	

Proposed worktable: loading capacity >350kg ; Dimension : (LxWxH)1000x600x500(mm)

Remark: The parameters are standard configuration, please turn to the customer service team for non-standard configuration

Remark: Field view equals the length of diagonal line