

# Video Measuring System

## 5.1 VMS Normal Video Measuring Machine( Manual style )



### FEATURES

1. This machine is used in the field of coordinate measurement, especially in machinery, electronics, instruments, plastics and so on. Can quickly find the measured work-piece position and do the measuring.
2. X Y Z Resolution: 0.0005MM
3. Manually to control the machine through operating the 3 handles on the machine.

**Model: JTVMS1510/JTVMS2010/JTVMS2515/JTVMS3020/JTVMS4030/JTVMS5030/JTVMS5040...**

### Specification:

**Jaten JTVMS MANUAL video measuring machine**

Model		JTVSM-1510	JTVMS-2010	JTVMS-2515
WORKING STAGE	X,Y,Z-axis Travel(mm)	150x100x200	250x150x200	250x150x200
	dimensions (mm)	600x530x950	600x550x920	690x550x1020
	Load-bearing weight(KG)	35	35	30
	net Weight(KG)	97	102	141
Model		JTVMS-3020	JTVSM-4030	JTVSM-5030
WORKING STAGE	X,Y,Z-axis Travel(mm)	300x200x200	400x300x300	500x300x200
	dimensions (mm)	780x670x1060	945x646x1096	960x750x1100
	net Weight(KG)	165	245	255
Model		JTVSM-5040	CUSTOMSIZE	
WORKING STAGE	X,Y,Z-axis Travel(mm)	500x400x200		
	dimensions (mm)	960x750x1100		
	net Weight(KG)	281		
Accuracy	X,Y-axis (um)	$\leq(3+L/200)$ um, Repeatability 2um		
	Z-axis	$\leq(4+L/200)$ um		
Grating ruler		High-precision grating ruler, resolution 0.5um		
CCD		Japan Sentech Color 625 colorful CCD Camera		
Optical system		Automatic Zoom Lens ,Object View:7~1.1mm, zoom ratio 12X, Video Total Magnification:30X~230X ,Optional Laser,UK Renishaw Probe , can measure the thickness of transparent glass and flatness		
illumination system		Continuous adjustable LED ring surface & contours & coaxial light, according to program-controlled to adjust the intensity & rate of light		
Software system		QuickMeasuring, Automatic video measurement software		
working environment		20°C±3°C, Temperature 45% -75%, isolated from the external vibration source		
power supply		220V±10%, 180V~260V(AC), 50HZ		
Optional Accessories		Can match with Objective/Laser/Probe/cupboard/version/ Brand CCD.....		