SERIES VM   AUTOMATIC VISION MACHINE

- The stage can move automatically by programming
- The light can changed automatically by programming
- Automatic focus
- Granite stage and column
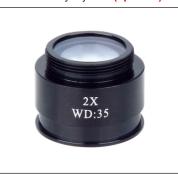- With manufacturer inspection certificate

VM400CNC

MCP probe**(optional)**

0.5X auxiliary objective**(optional)**

2X auxiliary objective**(optional)**

SERIES VM   AUTOMATIC VISION MACHINE

SPECIFICATION

Code	VM300CNC	VM400CNC	VM500CNC
Measuring range(X/Y axis)	300×200mm	400×300mm	500×400mm
Z axis travel with scale	200mm* (automatic)		
Stage moving method	automatic		
Linear scale resolution (X/Y/Z axis)	1μm		
Accuracy (X/Y axis)	(2.2+L/200)μm L is the measuring length in mm		
Repeatability	2μm		
Focus	90mm		
Lens magnification	0.7X-4.5X		
Total magnification	30-220X		
Camera	Color CCD, 2M pixel		
Illumination	contour illumination: LED, brightness adjustment		
	surface illumination: LED(8 sections), brightness adjustment		
Max. glass stage loading	20kg	20kg	25kg
Glass stage size	358mm×258mm	458×358mm	558×458mm
Weight	320kg	400kg	500kg

* The Z axis travel are available upon request

INCLUDED ACCESSORIES

Main unit	1pc
Calibration block	1pc
Software with USB dongle	1pc
Computer	1pc
Count card	1pc
Video card	1pc

OPTIONAL ACCESSORIES

0.5X auxiliary objective	VM-OB05X
2X auxiliary objective	VM-OB2X
Calibration scale	Series 552
MCP probe*	VM-MCP

* Should be bought with vision machine

combined measuring tools | light control tools | graphic | movement control | image | measuring tools | measuring results | X-Y-Z axis display