



- ◆ The stage can move automatically by programming
- ◆ The light can be changed automatically by programming
- ◆ Automatic focus
- ◆ Granite stage and column

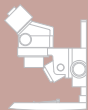


VM400CNC

The screenshot shows the software interface with several annotated components:

- combined measuring tools**: Points to the top toolbar.
- light control tools**: Points to a sub-panel in the toolbar.
- graphic**: Points to a circular graphic on the left side of the main display.
- movement control**: Points to a directional pad in the toolbar.
- image**: Points to the main camera view on the right side of the display.
- X-Y-Z axis display**: Points to the coordinate readout at the bottom right.
- measuring tools**: Points to a detailed toolbar at the bottom.
- measuring results**: Points to a data table at the bottom.

R1	Ref coord.	Unit	Nominal	Over	UpTol	LowTol	State	X	Y	Z
Content			1.2539	0.0000				-25.8490	33.4934	-114.2880
Radius			1.2539							



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

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 brought with vision machine