VISION MACHINE



• Granite base and column





VM5040

SPECIFICATION * NEW

Code	VM2010	VM3020	VM4030	VM5040
Measuring range(X/Y axis)	200×100mm	300×200mm	400×300mm	500×400mm
Zaxis travel with scale	200mm			
Stage moving method	Manual			
Linear scale resolution (X/Y/Z axis)	1µm			
Accuracy (X/Y axis)	(3+L/200)μm Lis the measuring length in mm			
Repeatability	2μm			
Focus	90mm			
Lens magnification	0.7X-4.5X			
Total magnification	30-220X			
Camera	Color CCD, 1.3M pixel			
Illumination	contour illumination: LED, brightness adjustment			
illullillation	surface illumination: LED, brightness adjustment			
Max. glass stage loading	20kg	20kg	20kg	30kg
Dimension (L×W×H)	580×680×880mm	770×650×1080mm	960×750×1080mm	1250×860×1690mm
Weight	140kg	188kg	230kg	450kg

INCLUDED ACCESSORIES

Main unit	1pc
Calibration block	1pc
Software with USB dongle	1pc
Controller	1pc
Operating table(only VM5040 included)	1pc

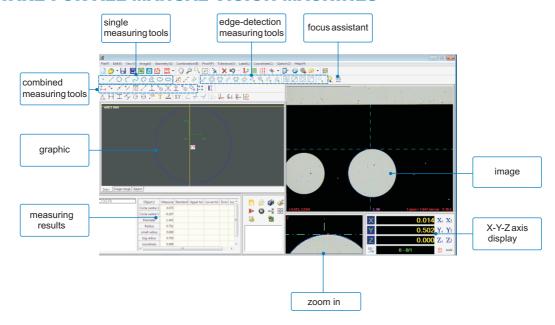
SERIES VM

VISION MACHINE

OPTIONAL ACCESSORIES

0.5X auxiliary objective	VM-OB05X
2X auxiliary objective	VM-OB2X
Computer	VM-PC
Operating table (except for VM5040)	VM-Table
Calibration scale	Series 552

SOFTWARE FOR ALL MANUAL VISION MACHINES



• Single measuring tools:

•	measure coordinate of point
	measure length of line
\bigcirc	measure center coordinate, radius, diameter and area of circle
	measure length and diameter of arc

Combined measuring tools:

⁺ ←→	measure distance between two objects like, two points, two lines, a point to a line, a point to a circle and so on.
+	create a intersection point
	find midpoint of a line
+	create a line
****	create a line, a circle and a arc based on points
	measure distance between two points

2	measure length of curve
	measure width, length and area of rectangle
<u>\(\frac{1}{2} \)</u>	measure length and area of polygon
	measure center coordinate, axis length and area of ellipse

