












SPECIFICATION

Code	Binocular	ISD-VMM205	ISD-VMM215	ISD-VMM225	ISD-VMM235
	Monocular	ISD-VMM205D	ISD-VMM215D	ISD-VMM225D	ISD-VMM235D
X/Y axis travel		150×100mm	200×100mm	250×150mm	300×200mm
Z axis travel		150mm	150mm	200mm	200mm
Metal stage size		354×228mm	404×228mm	450×280mm	500×330mm
Glass stage size		210×160mm	260×160mm	306×196mm	350×250mm
Resolution of X/Y/Z axis		0.5μm			
Accuracy of X/Y axis		≤(2.5+L/100)μm (L is the measuring length in mm)			
Repeatability		2μm			
Camera		1/3" color CCD, 0.3M pixel			
Optical magnification		30X			
Image magnification		114X (on 19" monitor)			
Illumination		surface and contour with adjustable LED			
Max. weight of workpiece		25kg			
Power supply		100V~240V, 50/60Hz			
Operating system		Windows 7/8/10			
Drive method		manual			
Dimension (L×W×H)		540×667×850mm	540×667×850mm	800×675×920mm	800×675×920mm
Weight		100kg	110kg	135kg	140kg

DATA PROCESSING UNIT

Output	RS232
Function	 Easy measuring tools
	 Measure coordinate of points
	 Measure lines
	 Measure center coordinate, radius of circle with three points
	 Measure distances between two objects
	 Measure angles
	 Set origin of coordinate
	 Skew and calibrate the workpiece
	 Measure rectangle (including length, width, perimeter and center coordinate)
	 Measure thread (including thread diameter, screw pitch, screw angle)
	 Measure slot (including center coordinate, length, width)

STANDARD DELIVERY

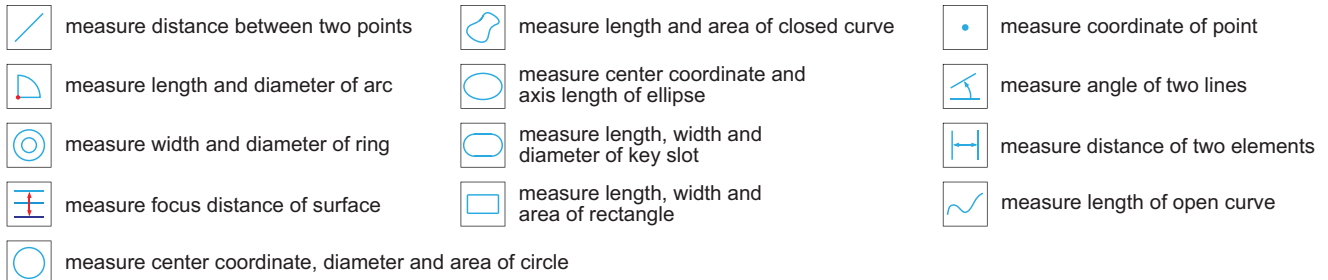
Main unit	1 pc
Video card with dongle	1 pc
Software disc	1 pc
Calibration glass chart	1 pc
Demo sample	1 pc
Foot switch	1 pc
3X objective	1 pc

OPTIONAL ACCESSORY

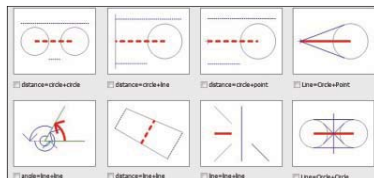
1X objective	ISD-VMM-LENS1X
5X objective	ISD-VMM-LENS5X
10X objective	ISD-VMM-LENS10X
Printer	ISD-VMM-PRINTER
Toolmaker microscopes (with computer)	<p>Code: ISD-VMM205A (binocular) ISD-VMM215A (binocular) ISD-VMM225A (binocular) ISD-VMM235A (binocular)</p> <p>Code: ISD-VMM205DA (monocular) ISD-VMM215DA (monocular) ISD-VMM225DA (monocular) ISD-VMM235DA (monocular)</p>

SOFTWARE

- **Operation system:** Windows 7/8/10
- **Language:** English
- **Single measuring tools:**

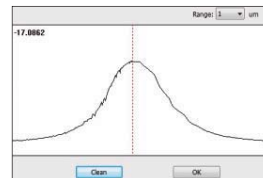


- **Combined measuring tools:**

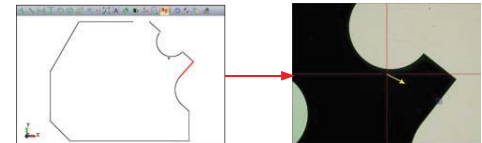


measure distance and angle of two elements

- **Focus indicator:**



- **CAD measuring:**



Input CAD drawing and set reference, move the stage to make the target box in the center of crosshair, then the software will do automatic measurement

- **Edge-detection:**

Point tool



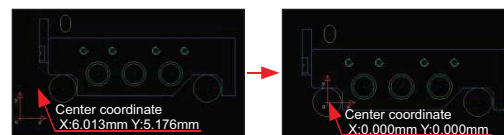
Box tool



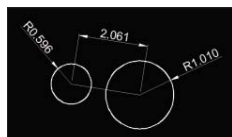
Circle tool



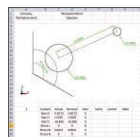
- **Coordinate transfer:**



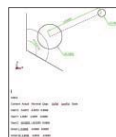
- **Data export to CAD, EXCEL and WORD:**



CAD

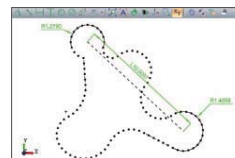


EXCEL



WORD

- **Contour scanning:**



- **Profile detection:**

