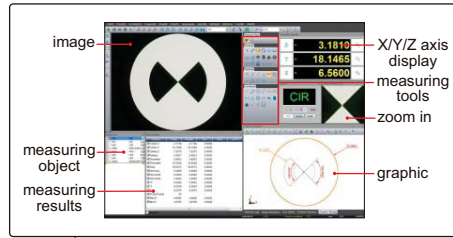


VISION MEASURING SYSTEM



ISD-V250

computer is not included



software CD (included)

STANDARD DELIVERY

Main unit	1 pc
Video card with dongle	1 pc
Software disc	1 pc
Calibration glass chart	1 pc
Laser positioner	1 pc
Clay	1 pc
Foot switch	1 pc
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

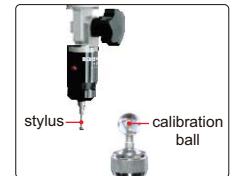
0.5X auxiliary objective	Part No. ISD-V-OB05X Working distance: 6.89" Magnification: 16.5~97.5X (on 19" monitor)
2X auxiliary objective	Part No. ISD-V-OB2X Working distance: 1.42" Magnification: 66~390X (on 19" monitor)
Probe	Part No. ISD-V-PROBE includes Ø2mm/.079" DIA and Ø3mm/.118" DIA styli, Ø25mm/.984" calibration ball
Lens with coaxial light	Part No. ISD-V-LENS (must be installed in factory)
Vision measuring system with computer	Part No. ISD-V150A, ISD-V250A, ISD-V300A, ISD-V400A

SPECIFICATION

Part No.	ISD-V150	ISD-V250	ISD-V300	ISD-V400
Measuring range (X×Y×Z)	6×4×8"	10×6×8"	12×8×8"	16×12×8"
Stage size	13.94×8.98"	17.72×11.02"	19.69×12.99"	23.86×18.35"
Glass stage size	8.27×6.30"	12.05×7.72"	13.78×9.84"	17.72×13.78"
Resolution of X/Y/Z axis	.00002"			
Accuracy of X/Y axis	≤(98.4+10L)µin L is the measuring length in inch			
Repeatability of X/Y axis	.00008"			
Objective	0.7X~4.5X (zoom)			
Working distance	3.62"			
Magnification	33X~195X (on 19" monitor)			
Camera	1/3" color CCD, 1.5M pixel			
Illumination	surface and contour with adjustable LED			
Max. height of workpiece	6.30"			
Max. weight of workpiece	44lb			
Operation system	Windows 7/8/10			
Drive method	manual			
Power supply	110/220V, 50/60Hz			
Dimension (L×W×H)	22.05×21.26×33.46"	29.92×23.62×35.43"	29.92×23.62×35.43"	38.19×26.38×37.01"
Weight	220lb	264lb	308lb	529lb



lens with coaxial light (optional, must be installed in factory)



probe (optional), includes Ø2mm/.079" DIA and Ø3mm/.118" DIA styli, Ø25mm/.984" calibration ball, measuring accuracy is .0004"

SOFTWARE

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



measure distance between two points



measure length and area of closed curve



measure coordinate of point



measure length and diameter of arc



measure center coordinate and axis length of ellipse



measure angle of two lines



measure width and diameter of ring



measure length, width and diameter of key slot



measure distance of two elements



measure focus distance of surface



measure length, width and area of rectangle

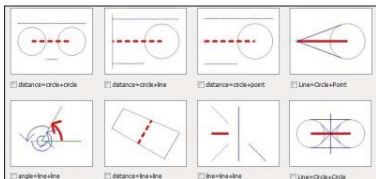


measure length of open curve



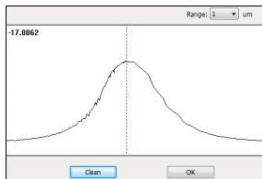
measure center coordinate, diameter and area of circle

■ **Combined measuring tools:**



measure distance and angle of two elements

■ **Focus indicator:**

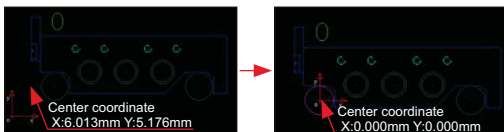


■ **CAD measuring:**

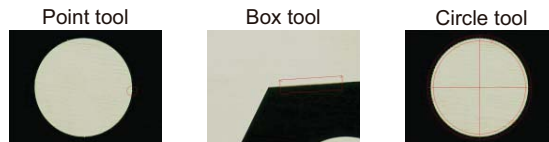


Input CAD drawing and set reference, move the stage to make the target box in the center of crosshair, then the software will do automatic measurement

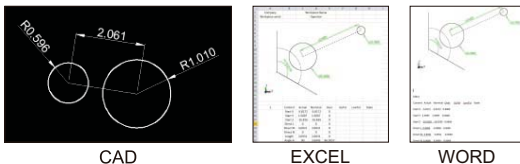
■ **Coordinate transfer:**



■ **Edge-detection:**



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

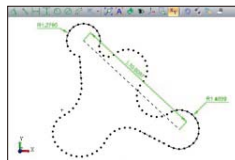


CAD

EXCEL

WORD

■ **Contour scanning:**



■ **Profile detection:**

