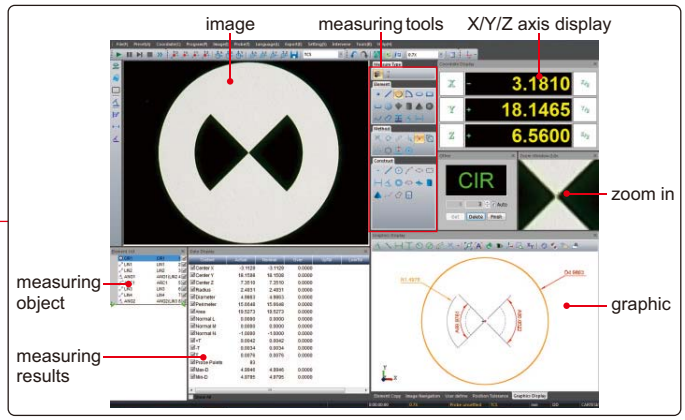
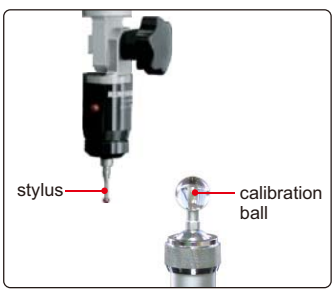
VISION MEASURING SYSTEM

INSPECTION CERTIFICATE



ISD-V250

computer is not included



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

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

SPECIFICATION

Part No.	ISD-V150	ISD-V250	ISD-V300
Measuring range (X×Y×Z)	6×4×8"	10×6×8"	12×8×8"
Stage size	13.94×8.98"	17.72×11.02"	19.69×12.99"
Stage glass size	8.27×6.30"	12.05×7.72"	13.78×9.84"
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		
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"
Weight	220lb	264lb	308lb

STANDARD DELIVERY

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

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	Code: **ISD-V-PROBE** includes Ø2mm/.079" DIA and Ø3mm/.118" DIA styli, Ø25mm/.984" calibration ball
Lens with coaxial light	Code: **ISD-V-LENS** (must be mounted in factory)
Vision measuring system with computer	Code: **ISD-V150A, ISD-V250A, ISD-V300A**

To be continued

Continued from previous page

SOFTWARE FOR VISION MEASURING SYSTEM

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


measure coordinate of point


measure distance between two points


measure center coordinate and axis length of ellipse


measure length, width and diameter of key slot


measure length of open curve


measure focus distance of surface


measure angle of two lines


measure center coordinate, diameter and area of circle


measure length and diameter of arc

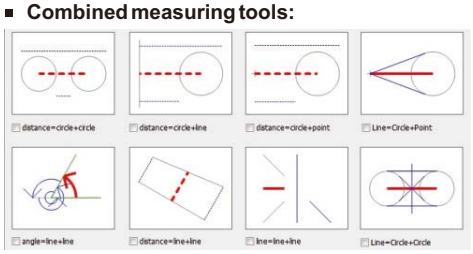

measure length, width and area of rectangle


measure width and diameter of ring


measure length and area of close curve

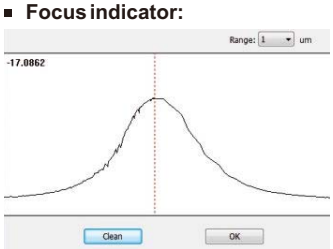

measure distance of two elements

- **Combined measuring tools:**



measure distance and angle of two elements

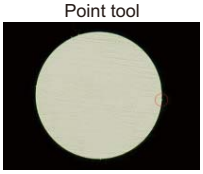
- **Focus indicator:**



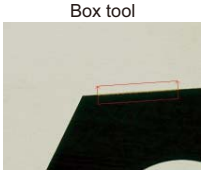
- **Profile detection:**

- **Edge-detection:**

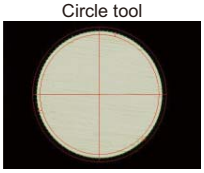
Point tool



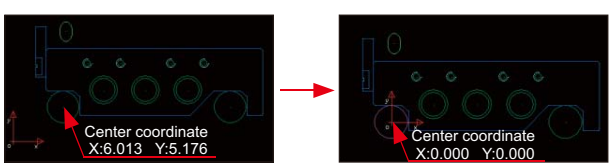
Box tool



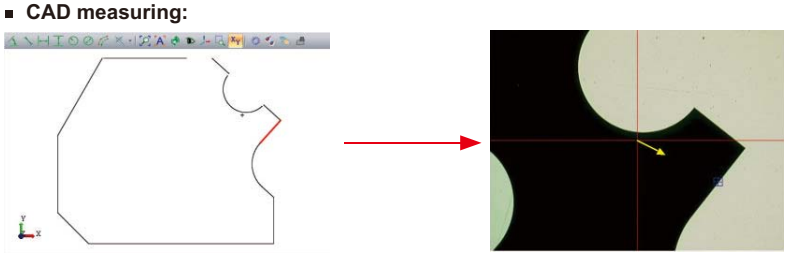
Circle tool



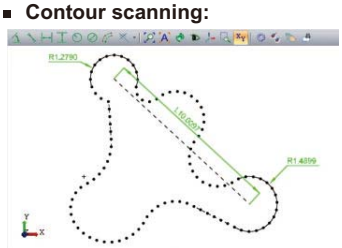
- **Coordinate transfer:**



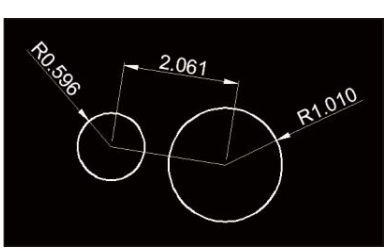
- **CAD measuring:**


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

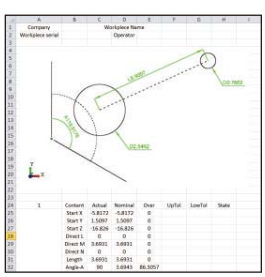
- **Contour scanning:**

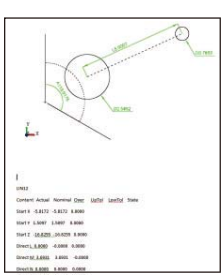


- **Data export to CAD, EXCEL and WORD**



CAD


EXCEL


WORD