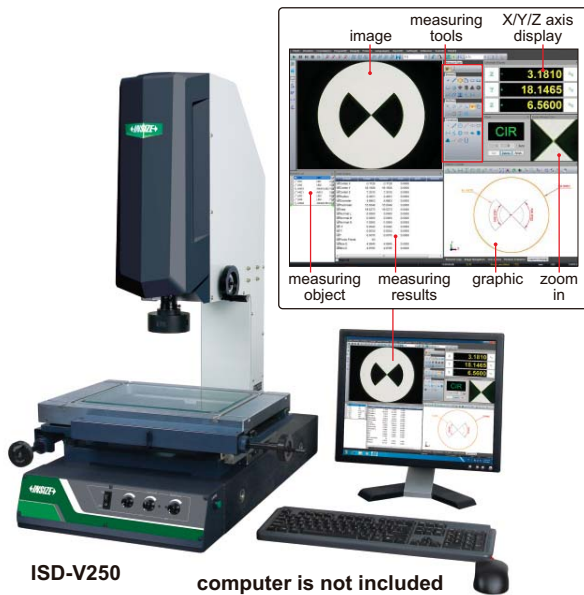


VISION MEASURING SYSTEM



OPTIONAL ACCESSORY

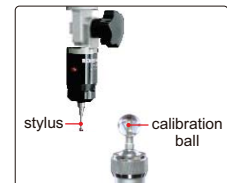
0.5X auxiliary objective	Code: ISD-V-OB05X Working distance: 175mm Magnification: 16.5~97.5X (on 19" monitor)
2X auxiliary objective	Code: ISD-V-OB2X Working distance: 36mm Magnification: 66~390X (on 19" monitor)
Probe	Code: ISD-V-PROBE Includes Ø2mm and Ø3mm styli, Ø25mm calibration ball
Lens with coaxial light	Code: ISD-V-LENS (must be installed in factory)
Vision measuring system with computer	Code: ISD-V150A, ISD-V250A, ISD-V300A, ISD-V400A

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

SPECIFICATION

Code	ISD-V150	ISD-V250	ISD-V300	ISD-V400
Measuring range (X×Y×Z)	150×100×200mm	250×150×200mm	300×200×200mm	400×300×200mm
Stage size	354×228mm	450×280mm	500×330mm	606×466mm
Stage glass size	210×160mm	306×196mm	350×250mm	450×350mm
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 of X/Y axis	2µm			
Objective	0.7X~4.5X (zoom)			
Working distance	92mm			
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	160mm			
Max. weight of workpiece	20kg			
Operation system	Windows 7			
Drive method	manual			
Power supply	110/220V, 50/60Hz			
Dimension (L×W×H)	560×540×850mm	760×600×900mm	760×600×900mm	970×670×940mm
Weight	100kg	120kg	140kg	240kg



probe (**optional**), includes Ø2mm and Ø3mm styli, Ø25mm calibration ball, measuring accuracy is 10µm



software CD (included)



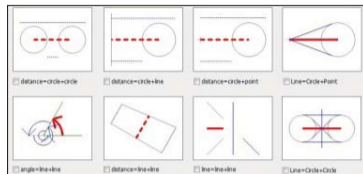
lens with coaxial light (**optional**, must be installed in factory)

SOFTWARE

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

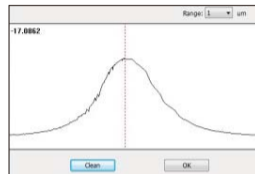
	measure coordinate of point		measure center coordinate, diameter and area of circle		measure distance between two points		measure length and diameter of arc		measure angle of two lines
	measure distance of two elements		measure length, width and diameter of key slot		measure width and diameter of ring		measure length of open curve		measure length and area of close curve
	measure focus distance of surface		measure length, width and area of rectangle		measure center coordinate and axis length of ellipse				

■ **Combined measuring tools:**

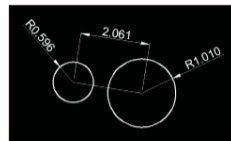


measure distance and angle of two elements

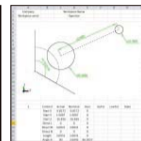
■ **Focus indicator:**



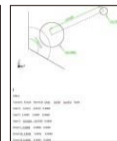
■ **Data export to CAD, EXCEL and WORD:**



CAD

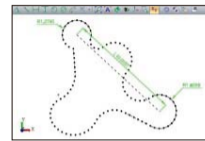


EXCEL

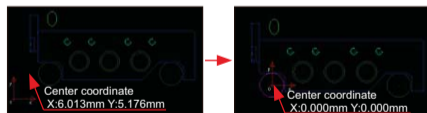


WORD

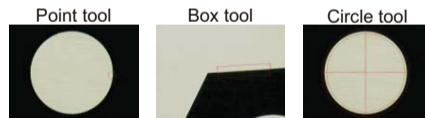
■ **Contour scanning:**



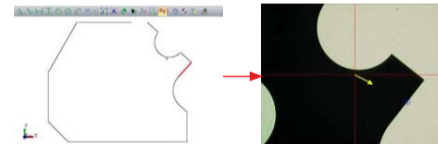
■ **Coordinate transfer:**



■ **Edge-detection:**



■ **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

■ **Profile detection:**

