



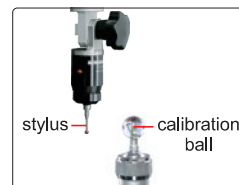
MANUAL VISION MEASURING SYSTEMS (STANDARD TYPE)



computer (included)



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



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

SPECIFICATION

ISD-V250A

Code	ISD-V150A	ISD-V250A	ISD-V300A	ISD-V400A
Measuring range (X×Y×Z)	150×100×150mm	250×150×150mm	300×200×150mm	400×300×150mm
Stage size	354×228mm	450×280mm	500×330mm	606×466mm
Glass stage 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	29X~184X (on 21.5" monitor)			
Camera	1/3" color CCD, 0.3M pixel			
Illumination	surface and contour with adjustable LED			
Max. height of workpiece	150mm			
Max. weight of workpiece	20kg			
Operation system	Windows 7/8/10			
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

SPECIFICATION

Code	ISD-V150H	ISD-V250H	ISD-V300H	ISD-V400H
Measuring range (X×Y×Z)	150×100×300mm	250×150×300mm	300×200×300mm	400×300×300mm
Stage size	354×228mm	450×280mm	500×330mm	606×466mm
Glass stage 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	29X~184X (on 21.5" monitor)			
Camera	1/3" color CCD, 0.3M pixel			
Illumination	surface and contour with adjustable LED			
Max. height of workpiece	300mm			
Max. weight of workpiece	20kg			
Operation system	Windows 7/8/10			
Drive method	manual			
Power supply	110/220V, 50/60Hz			
Dimension (L×W×H)	560×540×1000mm	760×600×1050mm	760×600×1050mm	970×670×1090mm
Weight	110kg	130kg	150kg	250kg

OPTIONAL ACCESSORY

0.5X auxiliary objective	code: ISD-V-OB05X working distance: 175mm magnification: 14.5~92X (on 21.5" monitor)
2X auxiliary objective	code: ISD-V-OB2X working distance: 36mm magnification: 58~368X (on 21.5" monitor)
Probe	code: ISD-V-PROBE includes Ø2mm and Ø3mm styli, Ø25mm calibration ball
Vision measuring system with coaxial light lens (with computer)	code: ISD-V150ACL, ISD-V150HCL ISD-V250ACL, ISD-V250HCL ISD-V300ACL, ISD-V300HCL ISD-V400ACL, ISD-V400HCL
Office software	code: 7313-OFFICE

STANDARD DELIVERY

Main unit	1 pc
Computer	1 pc
Calibration glass chart	1 pc
Clay	1 pc
Foot switch	1 pc
Anti-dust cover	1 pc

SOFTWARE (INCLUDED)

The screenshot shows the ISD-V software interface with several key components labeled:

- real-time image:** The main central window displaying a circular object with a crosshair.
- X/Y/Z axis:** A panel on the right showing coordinate values: X: 39.2967, Y: -20.5593, Z: -92.6419.
- magnification of selected points:** A panel on the right showing a magnified view of a selected point.
- light controller:** A panel on the right with a 'Light Control' section and a 'Move' button.
- measuring objects:** A table at the bottom left listing object names and types.
- measuring results:** A table at the bottom center showing measurement data.
- measuring tools:** A panel on the left containing various tool icons.
- movement controller:** A panel on the right with directional arrows for movement.
- measuring graphic:** A panel at the bottom right showing a graphical representation of the object and its features.

Object	Type	Value
ARC1	ARC1	250
LN1	LN1	250
LN2	LN2	450
LN3	LN3	550
LN4	LN4	650

Element	Center X	Center Y	Actual	Nominal	Clear	2D/3D
ARC1	39.2793	-20.5873	39.2793	-20.5873	0.0000	