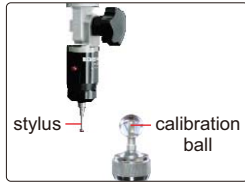


VISION MEASURING SYSTEMS



stylus — calibration ball

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



lens with coaxial light (optional)



ISD-V250A

computer is included

SPECIFICATION

Part No.	ISD-V150A	ISD-V250A	ISD-V300A	ISD-V400A
Measuring range (X×Y×Z)	6×4×6"	10×6×6"	12×8×6"	16×12×6"
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	≤(137.8+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"			
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

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

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
Vision measuring system with coaxial light lens (with computer)	Part No. ISD-V150ACL, ISD-V250ACL, ISD-V300ACL, ISD-V400ACL
Office software	Part No. 7313-OFFICE

SOFTWARE (INCLUDED)

- Refer to page 327~328 for details

The screenshot shows the INSIZE-A software interface. The main window displays a real-time image of a circular part with a dark, cross-shaped feature. A magnified view of selected points is shown in the top right. The interface includes a menu bar, a toolbar, a coordinate display window showing X, Y, and Z values, a light control window, a motion control window, and a graphics display window showing measuring graphics. The bottom of the interface features an element list, a data display table, and a status bar.

real-time image

X/Y/Z axis

light controller

magnification of selected points

measuring objects

measuring results

measuring tools

movement controller

measuring graphic

Content	Actual	Normal	Over	Up Tol	Low Tol	State
Center X	39.2793	39.2793	0.0000			
Center Y	-20.5873	-20.5873	0.0000			