

## CNC VISION MEASURING SYSTEMS (STANDARD TYPE)

**INSPECTION  
CERTIFICATE**



software CD  
(included)



lens with  
built-in coaxial light  
(included)



programmable  
segmented ring  
light (included)



ISD-V220CNCA



controller

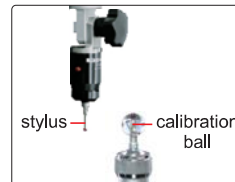
computer  
is included



- Automatic edge-detection, focus, measuring, contour scanning, calibration, etc.
- Servo motors for X, Y, Z axis
- SPC function for large quantity measurement
- Measuring software is included (page 327~328)

### STANDARD DELIVERY

	1 pc
Software	1 pc
Computer	1 pc
24" Display	1 pc
Len with coaxial light	1 pc
Controller	1 pc
Calibration glass chart	1 pc
Laser positioner	1 pc
Clay	1 pc
Anti-dust cover	1 pc



stylus — calibration ball

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



laser probe (optional)  
measuring accuracy is 5µm

## SPECIFICATION

Code	Motorized zoom lens	ISD-V220ZA	ISD-V220ZHN	ISD-V270ZA	ISD-V270ZHN	ISD-V370ZA	ISD-V370ZHN	
	Manual zoom lens	ISD-V220CNCA	ISD-V220HN	ISD-V270CNCA	ISD-V270HN	ISD-V370CNCA	ISD-V370HN	
Measuring range (X*Y*Z)(mm)		220×120×150	220×120×300	270×170×150	270×170×300	370×270×150	370×270×300	
		450×280	450×280	500×330	500×330	606×466	606×466	
Glass stage size(mm)		306×196	306×196	350×250	350×250	450×350	450×350	
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)				≤(3,5+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		33.0X~208.6X (with manual zoom lens, on 24" monitor)						
		31.9X~188.7X (with motorized zoom lens, on 24" monitor)						
Camera		Giga-bit network camera						
Illumination	surface	coaxial light, programmable segmented ring light						
	contour	adjustable LED light						
View field (diagonal length)		1.5~10.8mm						
Max. height of workpiece		150mm	300mm	150mm	300mm	150mm	300mm	
Max. weight of workpiece		30kg						
Operation system		Windows 7/8/10						
Drive method		Automatic						
Power supply		220V, 50/60Hz						
Dimension (L*W*H)(mm)		760×600×900	760×600×1050	760×600×900	760×600×1050	970×670×940	970×670×1090	
Weight		146kg	156kg	168kg	178kg	266kg	276kg	

## OPTIONAL ACCESSORY

0.5X auxiliary objective	Code: <b>ISD-V-OB05X</b> Working distance: 6.89" Magnification: 16.5~104.3X (with manual zoom lens, on 24" monitor) 16.0~94.4X (with motorized zoom lens, on 24" monitor)
2X auxiliary objective	Code: <b>ISD-V-OB2X</b> Working distance: 1.42" Magnification: 66~417.2X (with manual zoom lens, on 24" monitor) 63.8~377.4X (with motorized zoom lens, on 24" monitor)
Probe	Code: <b>ISD-V-PROBE</b> Includes Ø2mm and Ø3mm styli, Ø25mm calibration ball
Laser probe	Code: <b>ISD-V-LASER</b>
Office software	Code: <b>7313-OFFICE</b>
Desk	Code: <b>ISD-V-DESK</b>



## SOFTWARE (INCLUDED)

- Refer to page 327~328 for details

