CNC VISION MEASURING SYSTEMS (STANDARD TYPE)

INSPECTION CERTIFICATE


software CD
(included)

VIDEO


lens with
built-in coaxial light
(included)


programmable
segmented ring
light (included)


ISD-V220CNCA

computer
is included

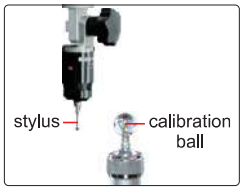



controller

- Automatic edge-detection, focus, measuring, contour scanning, calibration, etc.
- Servo motors for X, Y, Z axis
- SPC function for large quantity measurement

STANDARD DELIVERY

Main unit	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



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


laser proble(**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
Stage size(mm)		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: **ISD-V-OB05X** 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: **ISD-V-OB2X** 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: **ISD-V-PROBE** Includes Ø2mm and Ø3mm styli, Ø25mm calibration ball
Laser probe	Code: **ISD-V-LASER**
Office software	Code: **7313-OFFICE**

SOFTWARE (INCLUDED)

