

CNC VISION MEASURING SYSTEMS (STANDARD TYPE)



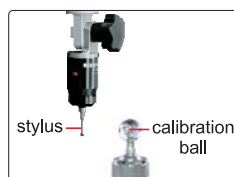
MOTORIZED ZOOM
LENS IS OPTIONAL

- 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 .079" DIA/Ø2mm and .118" DIA/Ø3mm styli, .984" DIA/Ø25mm calibration ball, measuring accuracy is .0004"



laser probe (optional) measuring accuracy is .0002"



SPECIFICATION

Part No.	motorized zoom lens	ISD-V220ZA-U	ISD-V220ZHN-U	ISD-V270ZA-U	ISD-V270ZHN-U
	manual zoom lens	ISD-V220CNCA-U	ISD-V220HN-U	ISD-V270CNCA-U	ISD-V270HN-U
Measuring range (X×Y×Z)		8.66×4.72×5.90"	8.66×4.72×11.81"	10.63×6.69×5.90"	10.63×6.69×11.81"
Stage size		17.72×11.02"	17.72×11.02"	19.69×12.99"	19.69×12.99"
Glass stage size		12.05×7.72"	12.05×7.72"	13.78×9.84"	13.78×9.84"
Resolution of X/Y/Z axis		.00002"			
Accuracy of X/Y axis		≤(98.4+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		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			
View field (diagonal length)		.06~.43"			
Max. height of workpiece		5.90"	11.81"	5.90"	11.81"
Max. weight of workpiece		66lb			
Operation system		Windows 7/8/10			
Drive method		automatic			
Power supply		110V, 50/60Hz			
Dimension (L×W×H)		29.92×23.62×35.43"	29.92×23.62×41.34"	29.92×23.62×35.43"	29.92×23.62×41.34"
Weight		322lb	344lb	370lb	392lb

SPECIFICATION

Part No.	motorized zoom lens	ISD-V370ZA-U	ISD-V370ZHN-U
	manual zoom lens	ISD-V370CNCA-U	ISD-V370HN-U
Measuring range (X×Y×Z)		14.57×10.63×5.90"	14.57×10.63×11.81"
Stage size		23.86×18.35"	23.86×18.35"
Glass stage size		17.72×13.78"	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		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	
View field (diagonal length)		.06~.43"	
Max. height of workpiece		5.90"	11.81"
Max. weight of workpiece		66lb	
Operation system		Windows 7/8/10	
Drive method		automatic	
Power supply		110V, 50/60Hz	
Dimension (L×W×H)		38.19×26.38×37.01"	38.19×26.38×41.91"
Weight		586lb	608lb

OPTIONAL ACCESSORY

0.5X auxiliary objective	part no. 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	part no. 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	part no. ISD-V-PROBE includes .079" DIA/Ø2mm and .118" DIA/Ø3mm styli, .984" DIA/Ø25mm calibration ball
Laser probe	part no. ISD-V-LASER
Office software	part no. 7313-OFFICE

SOFTWARE (INCLUDED)

