

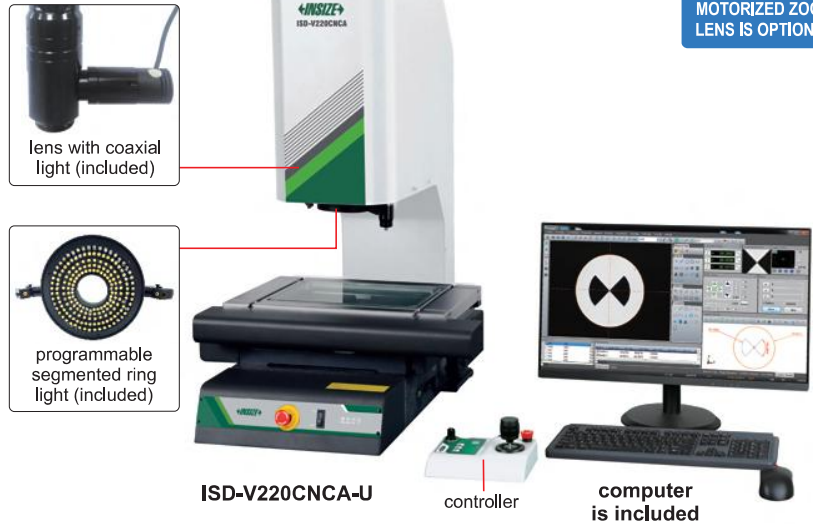


CNC VISION MEASURING SYSTEMS (STANDARD TYPE)

**INSPECTION
CERTIFICATE**

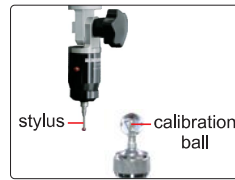
MOTORIZED ZOOM
LENS IS OPTIONAL

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



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"



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-V370ZH-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
Desk	part no. ISD-V-DESK

desk (optional)



SOFTWARE (INCLUDED)

real-time image

X/Y/Z axis

light controller

magnification of selected points

measuring objects

measuring results

measuring tools

movement controller

measuring graphic

Measuring tool	Center	Actual	Tolerance	Gap	Unit	Unit	Unit
ARC1	ARC1						
LN1	LN1	39.2793	39.2793	0.0000			
LN2	LN2	-20.5873	-20.5873	0.0000			
LN3	LN3						
LN4	LN4						