CNC VISION MEASURING SYSTEMS

INSPECTION CERTIFICATE

MOTORIZED ZOOM OBJECTIVE IS OPTIONAL

ISD-R320

- Automatic edge-detection, focus, measuring, contour scanning, calibration, etc.
- Double close-loop motion control, with precise positioning performance in high-speed movement
- Granite body, more stable
- Servo motors for X, Y, Z axis
- SPC function for large quantity measurement

SPECIFICATION

Part.No		ISD-R320-U	ISD-R430-U	ISD-R540-U
Measuring range (X×Y×Z)		11.81×7.87×5.90"	15.75×11.81×5.90"	19.68×15.75×5.90"
Stage size		19.68×12.99"	23.86×18.34"	27.80×22.28"
Glass stage size		13.78×11.02"	17.72×13.78"	21.65×17.72"
Resolution of X/Y/Z axis		.00002"		
Accuracy of X/Y axis		≤(118.1+5L)μin (L is the measuring length in inch)		
Repeatability of X/Y axis		.00008"		
Objective		0.7X~4.5X (zoom)		
Working distance		2.16"		
View field (diagonal length)		.05~.30"		
Magnification		29X~143X (on 21.5" monitor)		
Camera		1/3" color CCD, 0.3M pixel		
Illumination	contour	programmable segmented ring light		
	surface	adjustable LED light		
Max. height of workpiece		5.90"		
Max. weight of workpiece		44lb		
Operation system		Windows 10/11		
Drive method		automatic		
Power supply		110V, 50/60Hz		
Dimension (L×W×H)		28.37×30.31×70.08"	27.56×39.37×70.08"	31.50×40.94×70.08"
Weight		595lb	716lb	1102lb

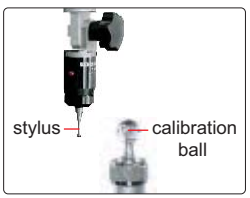
STANDARD DELIVERY

Main unit	1 pc
Software	1 pc
Dongle	1 pc
Controller	1 pc
Computer	1 pc
Calibration glass chart	1 pc
Clay	1 pc
Anti-dust cover	1 pc

programmable segmented ring light (included)

OPTIONAL ACCESSORY

0.5X auxiliary objective	code: **ISD-Y-OB05X** working distance: 6.89" magnification: 14.5~71.5X (on 21.5" monitor)
2X auxiliary objective	code: **ISD-Y-OB2X** working distance: 1.42" magnification: 58~286X (on 21.5" monitor)
Probe	code: **ISD-Y-PROBE** includes .79"DIA/Ø2mm and .118"DIA/Ø3mm styli, .984"DIA/Ø25mm calibration ball
Vision measuring system with coaxial light lens	code: **ISD-R320L-U,** **ISD-R430L-U,** **ISD-R530L-U**
Office software	code: **7313-OFFICE**



probe (**optional**), includes .79"DIA/Ø2mm and .118"DIA/Ø3mm styli, .984"DIA/Ø25mm calibration ball, measuring accuracy is .0004"

lens with coaxial light (**optional**)

SOFTWARE (INCLUDED)