

CNC VISION MEASURING SYSTEMS (ADVANCED TYPE)



programmable
segmented ring
light (included)



lens with coaxial
light (included)



ISD-P322-U



computer is included

- Motorized zoom objective
- Precision granite machines, high accuracy and stability
- Three-axis precision linear guide

SPECIFICATION

Part.No		ISD-P222-U	ISD-P322-U	ISD-P432-U	ISD-P433-U
Measuring range (X×Y×Z)		7.87×7.87×7.87"	11.81×7.87×7.87"	15.75×11.81×7.87"	15.75×11.81×11.81"
Stage size		22.64×18.31"	26.57×18.31"	30.12×22.24"	30.12×22.24"
Glass stage size		9.05×9.05"	12.99×9.05"	16.91×12.99"	16.91×12.99"
Resolution of X/Y/Z axis		3.94μin			
Accuracy of X/Y axis		≤(55.1+5L)μin (L is the measuring length in inch)			
Repeatability		55.1μin			
Objective		0.6X~8.0X (zoom)			
Working distance		2.56"			
View field (diagonal length)		.04~.48"			
Magnification		25X~338X (on 22" monitor)			
Camera		1/1.7"color CCD, 2.3M pixel			
Max. height of workpiece		5.31"			11.02"
Illumination	surface	coaxial light, six-ring eight-zone adjustable ring light			
	contour	adjustable LED light			
Operation system		Windows 10/11			
Max. weight of workpiece		55lb	55lb	55lb	55lb
Drive method		automatic			
Environmental requirement		temperature: 68°F±3.6°F, relative humidity: 30%~80%, vibration: <.00007oz, less than 15Hz			
Power supply		110V, 50/60Hz, 700W			
Dimension (L×W×H)		29.13×40.94×69.37"	29.13×40.94×69.37"	31.49×48.82×69.37"	31.49×48.82×77.40"
Weight		727lb	771lb	926lb	970lb

STANDARD DELIVERY

Main unit	1pc
Dongle	1pc
Software	1pc
Lens with coaxial light	1pc
Controller	1pc
Computer	1pc
Calibration glass chart	1pc
Desk	1pc
Clay	1pc
Anti-dust cover	1pc

OPTIONAL ACCESSORY

0.5X auxiliary objective		code: ISD-P-OB05X , working distance: 6.89" magnification: 12.5~169X (on 22" monitor)
2X auxiliary objective		code: ISD-P-OB2X , working distance: 1.42" magnification: 50~676X (on 22" monitor)
Spectral confocal sensor		code: ISD-P-SCS (must be installed in factory)
Probe set (RENISHAW)	probe base	code: ISD-P-BASE (must be installed in factory)
	probe	code: ISD-P-TP20 , includes .079" DIA styli
	styli	ISQ-20 series (M2) optional , refer to page 573
Office software		code: 7313-OFFICE



spectral confocal sensor (optional), thickness of glass or plastic film can be measured according to the refractive index, measuring accuracy is 0.0002"

SOFTWARE (INCLUDED)

