

# **CNC VISION MEASURING SYSTEMS (ADVANCED TYPE)**





segmented ring light (included)



lens with coaxial light (included)



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

## SPECIFICATION

OI EOII IOATIO	14				
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"			11.02"
IIIumination	surface	coaxial light, six-ring eight-zone adjustable ring light			
	contour	adjustable LED light			
Operation system		Windows 10/11			
Max. weight of workpiece		55 <b>l</b> b	55 <b>l</b> b	55 <b>l</b> b	55 <b>l</b> b
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		727 <b>l</b> b	771 <b>l</b> b	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**

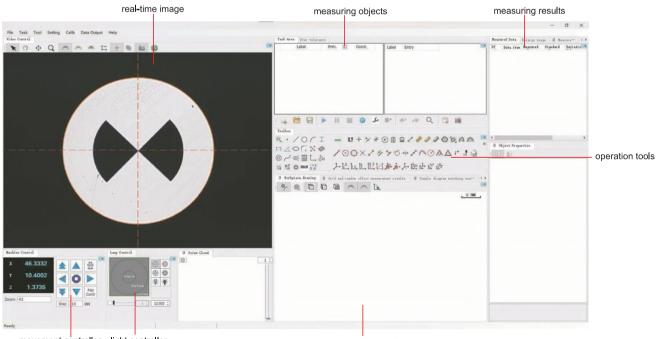
	OF HOMAL ACCESSORY				
0.5X auxiliary objective	,	code: ISD-P-OB05X, working distance: 6.89" magnification: 12.5~169X (on 22" monitor)			
2X auxiliary objective		code: ISD-P-OB2X, working distance: 1.42" magnification: 50~676X (on 22 " monitor)			
Spectral conf	ocal sensor	code: ISD-P-SCS (must be installed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



movement controller light controller

measuring graphic