

CNC VISION MEASURING SYSTEMS (ADVANCED TYPE)



programmable
segmented ring
light (included)



lens with coaxial
light (included)



ISD-P322



computer is included

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

SPECIFICATION

Code		ISD-P222	ISD-P322	ISD-P432	ISD-P433
Measuring range (X×Y×Z)		200×200×200mm	300×200×200mm	400×300×200mm	400×300×300mm
Stage size		575×465mm	675×465mm	765×565mm	765×565mm
Glass stage size		230×230mm	330×230mm	430×330mm	430×330mm
Resolution of X/Y/Z axis		0.1μm			
Accuracy of X/Y axis		≤(1.4+L/200)μm (L is the measuring length in mm)			
Repeatability		1.4μm			
Objective		0.6X~8.0X (zoom)			
Working distance		65mm			
View field (diagonal length)		0.94~12.3mm			
Magnification		25X~338X (on 22" monitor)			
Camera		1/1.7"color CCD, 2.3M pixel			
Max. height of workpiece		135mm			280mm
Illumination	surface	coaxial light, six-ring eight-zone adjustable ring light adjustable LED light			
	contour				
Operation system		Windows 10/11			
Max. weight of workpiece		25kg	25kg	25kg	25kg
Drive method		automatic			
Environmental requirement		temperature: 20°C±2°C, relative humidity: 30%~80%, vibration: <0.002g, less than 15Hz			
Power supply		200~240V, 50/60Hz, 700W			
Dimension (L×W×H)		740×1040×1762mm	740×1040×1762mm	800×1240×1762mm	800×1240×1966mm
Weight		330kg	350kg	420kg	440kg

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

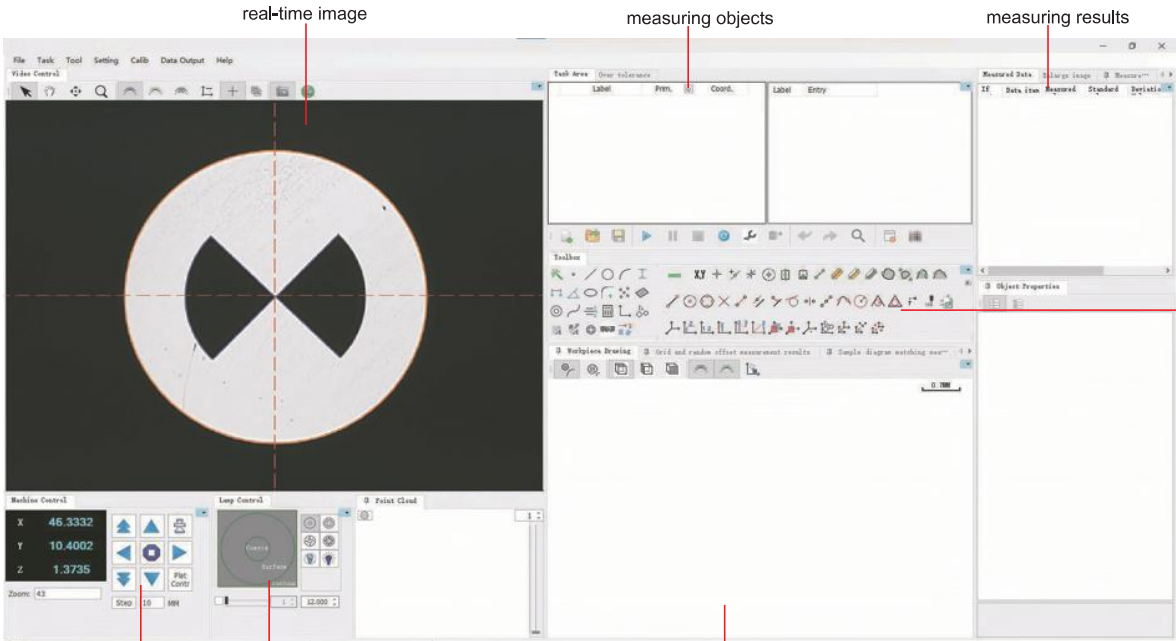
0.5X auxiliary objective		code: ISD-P-OB05X , working distance: 175mm magnification: 12.5~169X (on 22" monitor)
2X auxiliary objective		code: ISD-P-OB2X , working distance: 36mm magnification: 50~676X (on 22 " monitor)
Spectral confocal sensor		code: ISD-P-SCS (must be installed in factory)
Probe set (RENISHAW)	probe base	code: ISD-P-BASE (must be installed in factory)
	probe	code: ISD-P-TP20 , includes Ø2mm 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 5µm

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	probe	code: ISD-P-TP20 , includes Ø2mm styli
	styli	ISQ-20 series (M2) optional , refer to page 573
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SOFTWARE (INCLUDED)



movement controller light controller

measuring graphic