

## CNC VISION MEASURING SYSTEMS (ADVANCED TYPE)



programmable  
segmented ring  
light (included)

HIGH-RESOLUTION  
AUTO ZOOM LENS

NAVIGATION  
CAMERA



ISD-K432

- Motorized zoom objective
- Granite body, high accuracy and stability
- Panasonic servo control motor, with precise positioning performance in high-speed movement
- RSF brand linear scales

### SPECIFICATION

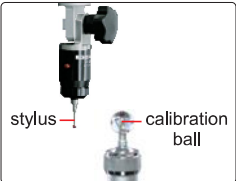
Code	ISD-K322	ISD-K432
Measuring range (X×Y×Z)	300×200×200mm	400×300×200mm
Stage size	620×380mm	720×480mm
Glass stage size	360×260mm	460×360mm
Resolution of X/Y/Z axis	0.5μm	
Accuracy of X/Y axis	≤(2.0+L/200)μm (L is the measuring length in mm)	
Repeatability	2μm	
Objective	0.6X~8.0X (13.3:1 continuous zoom ratio)	
Working distance	83mm	
View field (diagonal length)	0.81~10.72mm	
Magnification	27X~356X (on 23.8" monitor)	
Camera	1/1.2" color CCD, 2.3M pixel	
Max. height of workpiece	135mm	
Illumination	surface	coaxial light, three-ring eight-zone adjustable ring light
	contour	adjustable LED light
Operation system	Windows 10/11	
Max. weight of workpiece	35kg	
Drive method	automatic	
Environmental requirement	temperature: 20°C±5°C, relative humidity: 20%~80%, vibration: <0.002g, less than 15Hz	
Power supply	190~230V, 50Hz, 1500W	
Dimension (L×W×H)	620×780×1750mm	740×930×1750mm
Weight	350kg	400kg

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

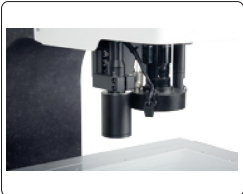
0.5X auxiliary objective	code: <b>ISD-K-OB05X</b> , working distance: 175mm magnification: 13.5~178X (on 23.8" monitor)
2X auxiliary objective	code: <b>ISD-K-OB2X</b> , working distance: 36mm magnification: 54~712X (on 23.8 " monitor)
Spectral confocal sensor	code: <b>ISD-K-SCS</b> (must be installed in factory)
Laser probe	code: <b>ISD-K-LASER</b> (must be installed in factory)
Probe	code: <b>ISD-K-PROBE</b> , includes Ø1mm styli and Ø2mm styli, Ø20mm calibration ball
Office software	code: <b>7313-OFFICE</b>



probe (optional), includes Ø1mm and Ø2mm styli, Ø20mm calibration ball, measuring accuracy is 5µm

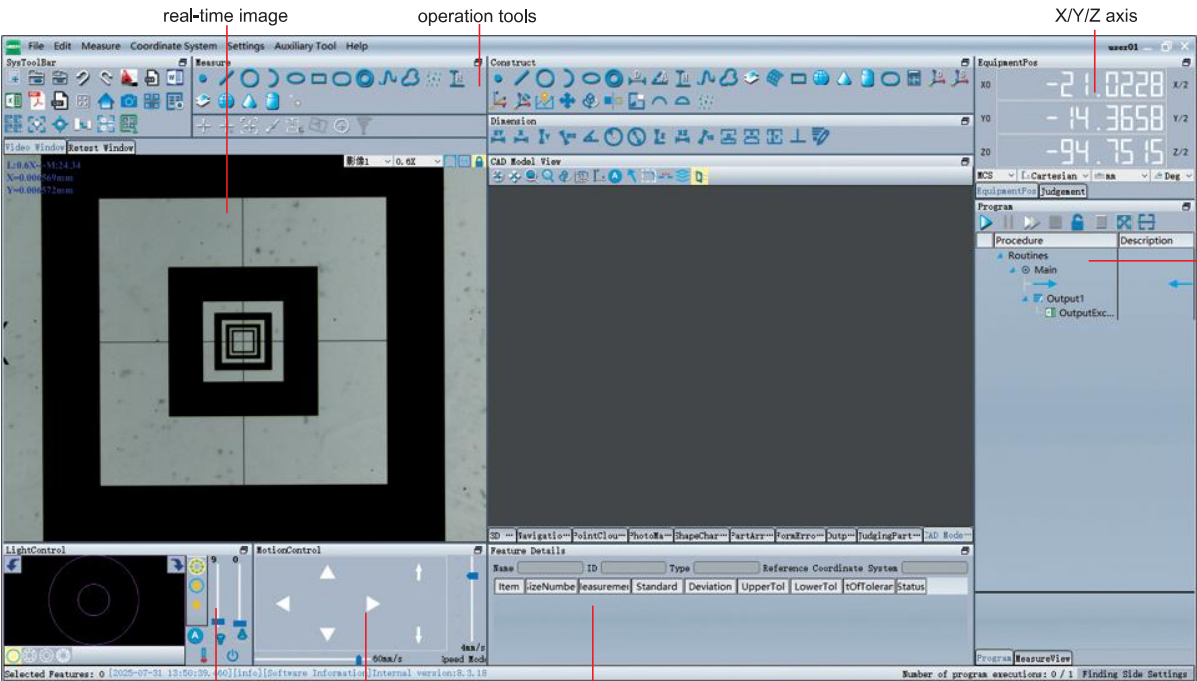


laser probe(optional)  
measuring accuracy is 4µm



spectral confocal sensor (optional)  
measuring accuracy is 5µm

SOFTWARE (INCLUDED)



real-time image

operation tools

X/Y/Z axis

measuring objects

light controller

movement controller

measuring results