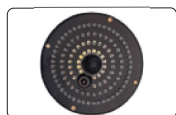


CNC VISION MEASURING SYSTEMS (ADVANCED TYPE)



programmable
segmented ring
light (included)

HIGH-RESOLUTION
AUTO ZOOM LENS

NAVIGATION
CAMERA



computer is included

ISD-K432-U

- 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

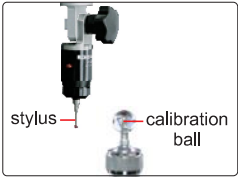
Part.No	ISD-K322-U	ISD-K432-U
Measuring range (X×Y×Z)	11.81×7.87×7.87"	15.75×11.81×7.87"
Stage size	24.41×14.96"	28.34×18.89"
Glass stage size	14.17×10.23"	18.11×14.17"
Resolution of X/Y/Z axis	19.68μin	
Accuracy of X/Y axis	≤(78.7+5L)μin (L is the measuring length in inch)	
Repeatability	78.74μin	
Objective	0.6X~8.0X (13.3:1 continuous zoom ratio)	
Working distance	3.26"	
View field (diagonal length)	.03~.42"	
Magnification	27X~356X (on 23.8" monitor)	
Camera	1/1.2"color CCD, 2.3M pixel	
Max. height of workpiece	5.31"	
Illumination	surface	coaxial light, three-ring eight-zone adjustable ring light
	contour	adjustable LED light
Operation system	Windows 10/11	
Max. weight of workpiece	77lb	
Drive method	automatic	
Environmental requirement	temperature: 68°F±9°F, relative humidity: 20%~80%, vibration: <.00007oz, less than 15Hz	
Power supply	110V, 60Hz, 1500W	
Dimension (L×W×H)	24.41×30.71×68.90"	29.13×36.61×68.90"
Weight	771lb	881lb

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-K-OB05X , working distance: 6.89" magnification: 13.5~178X (on 23.8" monitor)
2X auxiliary objective	code: ISD-K-OB2X , working distance: 1.42" magnification: 54~712X (on 23.8" monitor)
Spectral confocal sensor	code: ISD-K-SCS (must be installed in factory)
Laser probe	code: ISD-K-LASER (must be installed in factory)
Probe	code: ISD-K-PROBE , includes .039" DIA styli and .079" DIA styli, .787" DIA calibration ball
Office software	code: 7313-OFFICE



probe (optional), includes .039" DIA/Ø1mm and .079" DIA/Ø2mm styli, .787" DIA/Ø20mm calibration ball, measuring accuracy is .0002"

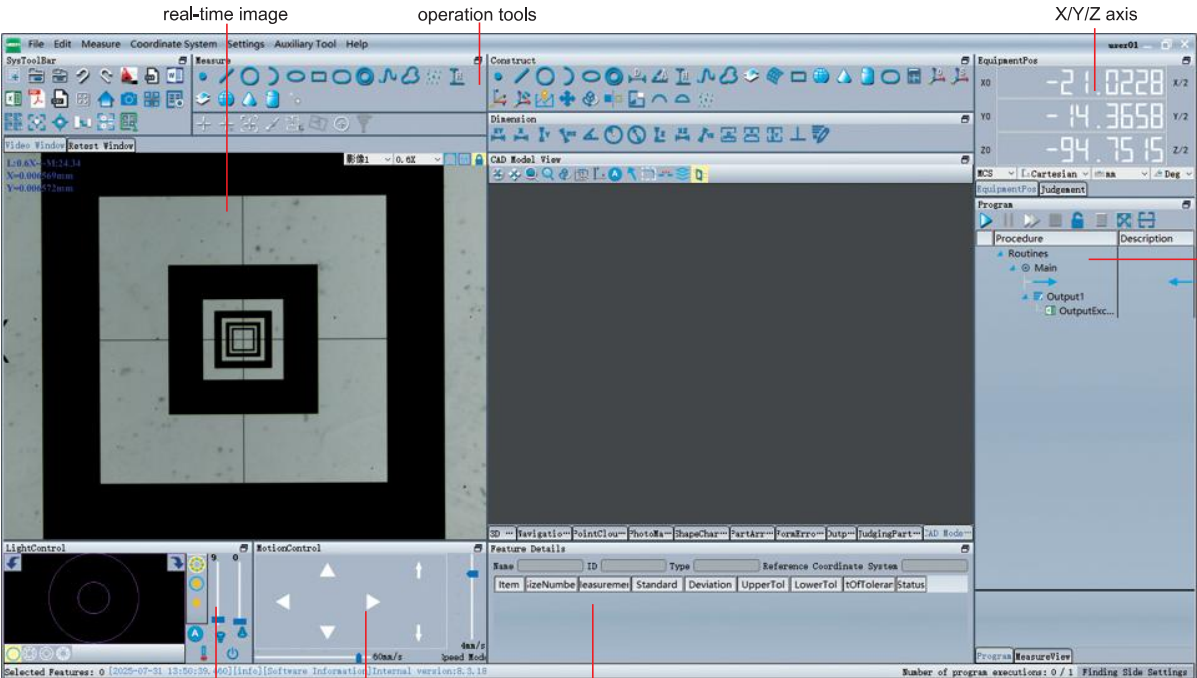


laser probe(optional)
measuring accuracy is .00016"



spectral confocal sensor (optional)
measuring accuracy is .00016"

SOFTWARE (INCLUDED)



real-time image

operation tools

X/Y/Z axis

measuring objects

light controller

movement controller

measuring results