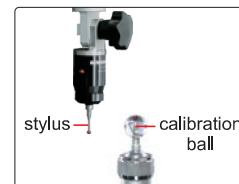


HIGH-DEFINITION MANUAL VISION MEASURING SYSTEMS



lens with coaxial light (optional, must be installed in factory)



probe (optional), includes Ø2mm and Ø3mm styli, Ø25mm calibration ball, measuring accuracy is 10µm

- High-definition image
- Large view field
- Electronic magnification feedback lens: when the objective lens magnification is changed manually, the software automatically selects the corresponding pre-calibration data and calibration is not needed

STANDARD DELIVERY

Main unit	1 pc
Computer	1 pc
Calibration glass chart	1 pc
Clay	1 pc
Foot switch	1 pc
Anti-dust cover	1 pc

SPECIFICATION

Code	ISD-H210	ISD-H320	ISD-H430
Measuring range (X×Y×Z)	200×100×150mm	300×200×150mm	400×300×150mm
Stage size	404×228mm	500×330mm	606×466mm
Glass stage size	260×160mm	350×250mm	450×350mm
Resolution of X/Y/Z axis	0.5µm		
Accuracy of X/Y axis	≤(2.5+L/100)µm (L is the measuring length in mm)		
Repeatability of X/Y axis	2µm		
Objective	0.58X~7.5X (zoom)		
View field (diagonal length)	1.4mm~14mm		
Working distance	82mm		
Magnification	27.4X~351X (on 24" monitor)		
Camera	giga-bit network camera		
Illumination	surface and contour with adjustable LED		
Max. height of workpiece	150mm		
Max. weight of workpiece	20kg		
Operation system	Windows 7/8/10		
Drive method	manual		
Power supply	110~240V, 50/60Hz		
Dimension (L×W×H)	540×560×850mm	760×600×900mm	970×670×940mm
Weight	110kg	140kg	240kg

OPTIONAL ACCESSORY

0.5X auxiliary objective	code: ISD-H-OB05X working distance: 155mm magnification: 13.7~175.5X (on 24" monitor)
2X auxiliary objective	code: ISD-H-OB2X working distance: 34.5mm magnification: 54.8~702X (on 24" monitor)
Probe	code: ISD-V-PROBE includes Ø2mm and Ø3mm styli, Ø25mm calibration ball
Vision measuring system with coaxial light lens	code: ISD-H210CL, ISD-H320CL, ISD-H430CL
Office software	code: 7313-OFFICE

SOFTWARE (INCLUDED)

The screenshot displays a software interface for measuring objects. The main window shows a real-time image of a circular object with two black semi-circular features. The interface includes several panels and controls:

- real-time image:** The main display area showing the object being measured.
- X/Y/Z axis:** A coordinate system overlay on the image.
- magnification of selected points:** A zoomed-in view of the selected points, showing their coordinates: X: 39.2667, Y: -20.5593, Z: -92.6419.
- light controller:** A control panel for adjusting the lighting, including a 'Move' button and a 'Stop' button.
- measuring objects:** A list of measured objects in the bottom left corner, including ARC1, LN1, LN2, LN3, and LN4.
- measuring results:** A table showing the measured values for the selected objects.
- measuring tools:** A toolbar on the left side of the interface, containing various measurement and construction tools.
- movement controller:** A control panel for moving the camera or probe, including a 'Move' button and a 'Stop' button.
- measuring graphic:** A graphic representation of the measured object, showing the measured dimensions: R1.4909 and D0.0017.

Content	Actual	Nominal	Over	Unit	State
id Center X	39.2793	39.2793	0.0000		
id Center Y	-20.5873	-20.5873	0.0000		
x					