

HIGH-DEFINITION VISION MEASURING SYSTEMS



- 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



ISD-H210

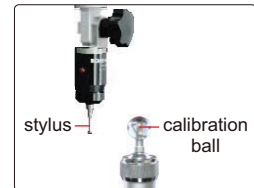
computer is included

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	≤(3.5+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



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



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

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)

real-time image

X/Y/Z axis

magnification of selected points

light controller

measuring objects

measuring results

measuring tools

movement controller

measuring graphic