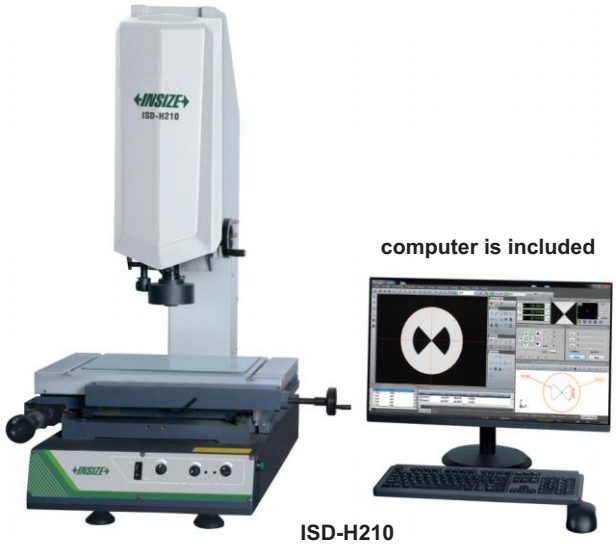
HIGH-DEFINITION MANUAL VISION MEASURING SYSTEMS

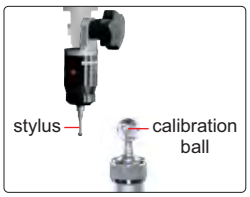
INSPECTION CERTIFICATE

VIDEO



ISD-H210

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**

To be continued

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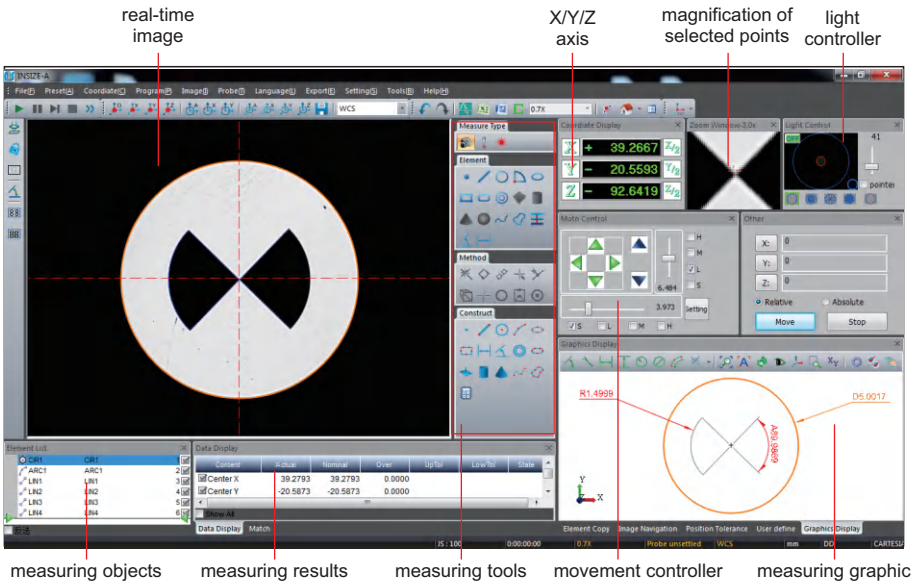
SOFTWARE (INCLUDED)

- Refer to page 671~672 for details



INSPECTION CERTIFICATE

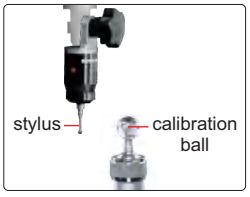
MANUAL VISION MEASURING SYSTEMS (STANDARD TYPE)

VIDEO

computer is included

ISD-V250A

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



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

SPECIFICATION

Code	ISD-V150A	ISD-V250A	ISD-V300A	ISD-V400A
Measuring range (X×Y×Z)	150×100×150mm	250×150×150mm	300×200×150mm	400×300×150mm
Stage size	354×228mm	450×280mm	500×330mm	606×466mm
Glass stage size	210×160mm	306×196mm	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	0.7X~4.5X (zoom)			
Working distance	92mm			
Magnification	29X~184X (on 21.5" monitor)			
Camera	1/3" color CCD, 0.3M pixel			
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	110/220V, 50/60Hz			
Dimension (L×W×H)	560×540×850mm	760×600×900mm	760×600×900mm	970×670×940mm
Weight	100kg	120kg	140kg	240kg

To be continued

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STANDARD DELIVERY

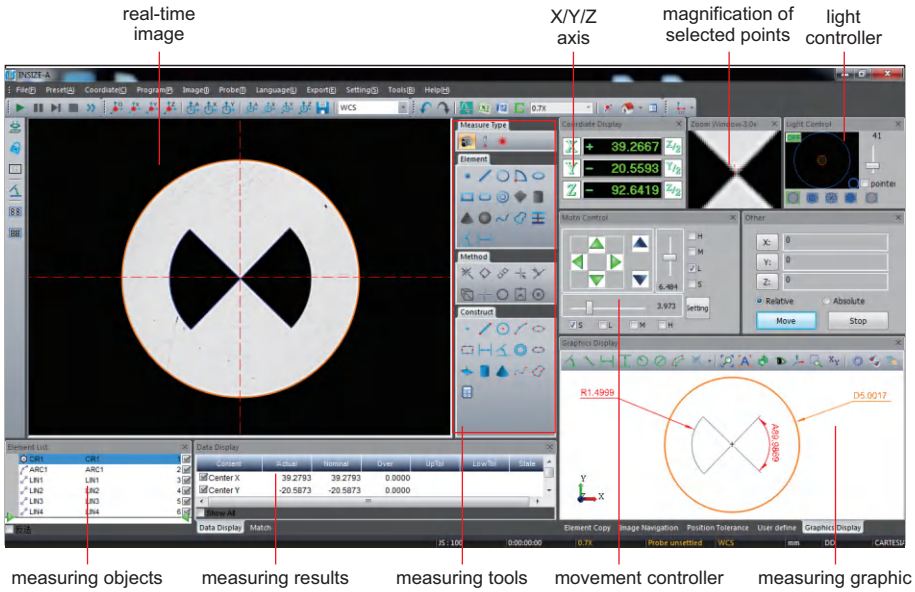
Main unit	1 pc
Computer	1 pc
Calibration glass chart	1 pc
Clay	1 pc
Foot switch	1 pc
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

0.5X auxiliary objective	code: **ISD-V-OB05X** working distance: 175mm magnification: 14.5~92X (on 21.5" monitor)
2X auxiliary objective	code: **ISD-V-OB2X** working distance: 36mm magnification: 58~368X (on 21.5" monitor)
Probe	code: **ISD-V-PROBE** includes Ø2mm and Ø3mm styli, Ø25mm calibration ball
Vision measuring system with coaxial light lens (with computer)	code: **ISD-V150ACL**, **ISD-V250ACL**, **ISD-V300ACL**, **ISD-V400ACL**
Office software	code: **7313-OFFICE**

SOFTWARE (INCLUDED)

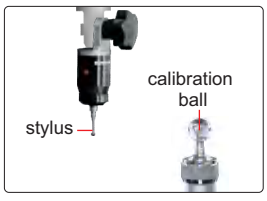
- Refer to page 671~672 for details



MANUAL VISION MEASURING SYSTEMS (BASIC TYPE)

INSPECTION CERTIFICATE

VIDEO



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

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

computer is included

ISD-Y320

To be continued

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SPECIFICATION

Code	Motorized focus	ISD-Y210D	ISD-Y320D	ISD-Y430D	ISD-Y530D
	Manual focus	ISD-Y210	ISD-Y320	ISD-Y430	ISD-Y530
Measuring range (X×Y×Z)		200×100×200mm	300×200×200mm	400×300×200mm	500×300×200mm
Stage size		404×228mm	500×330mm	606×466mm	706×466mm
Glass stage size		260×160mm	350×280mm	450×350mm	550×350mm
Resolution of X/Y/Z axis		1μm			
Accuracy of X/Y axis		≤(3+L/200)μm (L is the measuring length in mm)			
Repeatability of X/Y axis		2μm			
Objective		0.7X~4.5X (zoom)			
View field (diagonal length)		1.0~6.6mm			
Working distance		92mm			
Magnification		37.2X~236.0X (on 21.5" monitor)			
Camera		1/2" color CCD, 1.3M pixel			
Illumination		surface and contour with adjustable LED			
Max. height of workpiece		200mm			
Max. weight of workpiece		20kg			
Operation system		Windows 10/11			
Drive method		manual			
Power supply		220V, 50Hz			
Dimension (L×W×H)		556×540×860mm	670×660×950mm	720×950×1020mm	800×1040×1020mm
Weight		180kg	260kg	315kg	500kg

OPTIONAL ACCESSORY

0.5X auxiliary objective	code: **ISD-Y-OB05X** working distance: 175mm magnification: 18.6~118.0X (on 21.5" monitor)
2X auxiliary objective	code: **ISD-Y-OB2X** working distance: 36mm magnification: 74.5~472.0X (on 21.5" monitor)
Probe	code: **ISD-Y-PROBE** includes Ø2mm and Ø3mm styli, Ø25mm calibration ball
Vision measuring system with coaxial light lens	code: **ISD-Y210CL** (manual focus), **ISD-Y210DCL** (motorized focus) **ISD-Y320CL** (manual focus), **ISD-Y320DCL** (motorized focus) **ISD-Y430CL** (manual focus), **ISD-Y430DCL** (motorized focus) **ISD-Y530CL** (manual focus), **ISD-Y530DCL** (motorized focus)
Office software	code: **7313-OFFICE**

STANDARD DELIVERY

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

SOFTWARE (INCLUDED)