VISION MEASURING SYSTEMS (MANUAL TYPE)
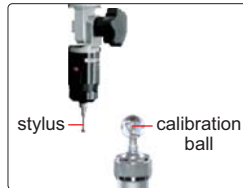
INSPECTION CERTIFICATE

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

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

stylus — calibration ball

ISD-Y320   **computer is included**

SPECIFICATION

Code	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

STANDARD DELIVERY

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

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, ISD-Y320CL, ISD-Y430CL, ISD-Y530CL**
Office software	code: **7313-OFFICE**

SOFTWARE (INCLUDED)

real-time image

measuring graphic

X/Y/Z axis

measuring results

measuring tools

measuring objects

OK