

MANUAL VISION MEASURING SYSTEMS (BASIC TYPE)



ISD-Y320

computer is included

SPECIFICATION

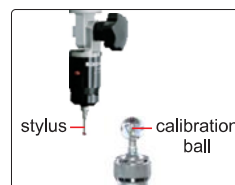
Code	Motorized focus	ISD-Y210D	ISD-Y320D	ISD-Y430D	ISD-Y530D
	Manual focus	ISD-Y210	ISD-Y320	ISD-Y430	ISD-Y530
Measuring range (X×Y×Z)		200×100×200mm	300×200×200mm	400×300×200mm	500×300×200mm
Stage size		404×228mm	500×330mm	606×466mm	706×466mm
Glass stage size		260×160mm	350×280mm	450×350mm	550×350mm
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

STANDARD DELIVERY

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



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-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 $\varnothing 2\text{mm}$ and $\varnothing 3\text{mm}$ styli, $\varnothing 25\text{mm}$ 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

SOFTWARE (INCLUDED)

