CNC VISION MEASURING SYSTEMS

computer is included

ISD-V500N

- Automatic edge-detection, focus, measuring, contour scanning, calibration, etc.
- Servo motors for X, Y, Z axis
- SPC function for large quantity measurement

SPECIFICATION

Code		ISD-V500N	ISD-V501N	ISD-V500HN	ISD-V501HN
Measuring range (X×Y×Z)		470×370×200mm	500×400×200mm	470×370×400mm	500×400×400mm
Stage size		786×636mm	846×696mm	786×636mm	846×696mm
Glass stage size		570×470mm			
Resolution of X/Y/Z axis		0.5μm			
Accuracy of X/Y axis		≤(2.5+L/200)μm (L is measuring length in mm)			
Repeatability of X/Y axis		2μm			
Objective		0.7X~4.5X (zoom)			
Working distance		92mm			
View field (diagonal length)		1.5~10.8mm			
Magnification		33.0X~208.6X (on 24" monitor)			
Camera		Giga-bit network camera			
Illumination	surface	coaxial light, programmable segmented ring light			
	contour	adjustable LED light			
Max. height of workpieces		200mm		400mm	
Max. weight of workpieces		30kg			
Operation system		Windows 7/8/10			
Drive method		automatic			
Power supply		220V, 50/60Hz			
Dimension (L×W×H)		1270×1200×1870mm	1405×1260×1870mm	1270×1200×2070mm	1405×1260×1870mm
Weight		870kg	1000kg	900kg	1030kg

STANDARD DELIVERY

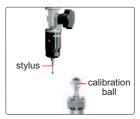|	
Main unit	1 pc
Video card with dongle	1 pc
Software disc	1 pc
Lens with coaxial light	1 pc
Controller	1 pc
Computer	1 pc
Calibration glass chart	1 pc
Laser positioner	1 pc
Clay	1 pc
Anti-dust cover	1 pc

lens with coaxial light (included)

programmable segmented ring light (included)

OPTIONAL ACCESSORY

0.5X auxiliary objective	Code: **ISD-V-OB05X** Working distance: 175mm Magnification: 16.5~104.3X (on 24" monitor)
2X auxiliary objective	Code: **ISD-V-OB2X** Working distance: 36mm Magnification: 66~417.2X (on 24" monitor)
Probe	Code: **ISD-V-PROBE** Includes Ø2mm and Ø3mm styli, Ø25mm calibration ball
Office software	Code: **7313-OFFICE**

stylus

calibration ball

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

SOFTWARE (INCLUDED)

- Refer to page 409~410 for details

real-time image

X/Y/Z axis

light controller

magnification of selected points

measuring graphic

measuring objects

measuring results

measuring tools

movement controller