CNC VISION MEASURING SYSTEMS

VIDEO

ISD-V500N

computer is included

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

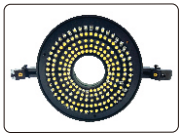
SPECIFICATION

Code		ISD-V500N	ISD-V500HN
Measuring range (X×Y×Z)		470×370×200mm	470×370×400mm
Stage size		786×636mm	
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 7/10	
Drive method		automatic	
Power supply		220V, 50/60Hz	
Dimension (L×W×H)		1270×1200×1870mm	1270×1200×2070mm
Weight		870kg	900kg

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

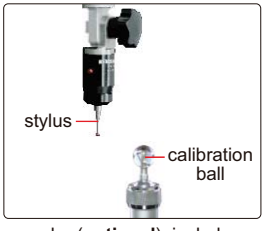
lens with coaxial light (included)



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**



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

SOFTWARE (INCLUDED)

- Refer to page 409~410 for details