INSIZE

CNC VISION MEASURING SYSTEMS (WITH STAND)

lens with coaxial light (included)

programmable segmented ring light (included)

software flash disk (included)

VIDEO

- ▣ Automatic edge-detection, focus, measuring, contour scanning, calibration, etc.
- ▣ Servo motors for X, Y, Z axis
- ▣ Granite body, more stable
- ▣ SPC function for large quantity measurement
- ▣ Measuring software is included (page 671~672)

STANDARD DELIVERY

Main unit	1 pc
Dongle	1 pc
Software	1 pc
Computer	1 pc
Dispaly	1 pc
Lens with coaxial light	1 pc
Controller	1 pc
Calibration glass chart	1 pc
Laser positioner	1 pc
Clay	1 pc
Anti-dust cover	1 pc

computer is included

controller

ISD-E320

SPECIFICATION

Code	ISD-E320	ISD-E430
Measuring range (X×Y×Z)	300×200×200mm	400×300×200mm
Stage size	556×406mm	561×556mm
Glass stage size	350×250mm	450×350mm
Resolution of X/Y/Z axis	0.5µm	
Accuracy of X/Y axis	≤(2.5+L/200)µm (L is measuring length in mm)	≤(3.5+L/200)µm (L is measuring length in mm)
Repeatability of X/Y axis	2µm	
Objective (manual zoom)	0.7X~4.5X (zoom)	
Working distance	92mm	
View field (diagonal length)	1.7~11.1mm	
Magnification	33X~208.6X (on 24" monitor)	
Camera	giga-bit network camera	
Illumination — surface	coaxial light, programmable segmented ring light	
Illumination — contour	adjustable LED light	
Max. height of workpieces	200mm	
Max. weight of workpieces	30kg	
Operation system	Windows 7/8/10	
Drive method	automatic	
Power supply	220V, 50/60Hz	
Dimension (L×W×H)	1420×915×1830mm	1650×1170×1900mm
Weight	500kg	700kg

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**
Laser probe	code: **ISD-V-LASER**

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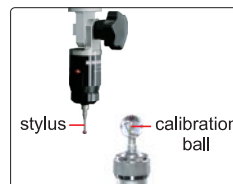
probe (**optional**), includes Ø2mm and Ø3mm styli, Ø25mm calibration ball, measuring accuracy is 10µm

laser probe (**optional**) measuring accuracy is 5µm

SOFTWARE (INCLUDED)

real-time image

X/Y/Z axis

light controller

magnification of selected points

measuring graphic

measuring objects   measuring results   measuring tools   movement controller