MOTORIZED ZOOM OBJECTIVE IS OPTIONAL

# CNC VISION MEASURING SYSTEMS(WITH STAND)


- 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 327~328)

**ISD-E320**

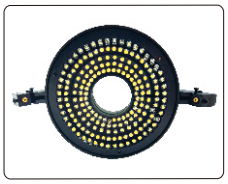
**SPECIFICATION**

| 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 | |
| | 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 |

## 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 |

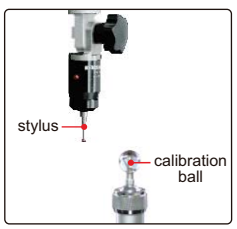
lens with coaxial light (included)



programmable segmented ring light (included)

## OPTIONAL ACCESSORY

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




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

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

## SOFTWARE(INCLUDED)

- Refer to page 327~328 for details