

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 7/10 | | | |
| Drive method | | automatic | | | |
| Power supply | | 220V, 50/60Hz | | | |
| Dimension (L×W×H) | | 1270×1200×1870mm | 1405×1260×1870mm | 1270×1200×2070mm | 1405×1260×2070mm |
| 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 |



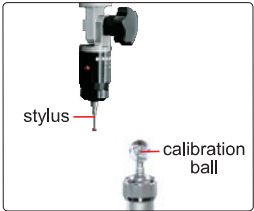
lens with coaxial light (included)



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 |



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

SOFTWARE (INCLUDED)

- Refer to page 590~591 for details

