



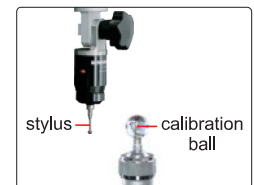
MANUAL VISION MEASURING SYSTEMS (STANDARD TYPE)



computer is included



lens with coaxial light (**optional**, must be installed in factory)



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

SPECIFICATION

ISD-V250A

| Code | ISD-V150A | ISD-V250A | ISD-V300A | ISD-V400A |
|---------------------------|--------------------------------------------------|---------------|---------------|---------------|
| Measuring range (X×Y×Z) | 150×100×150mm | 250×150×150mm | 300×200×150mm | 400×300×150mm |
| Stage size | 354×228mm | 450×280mm | 500×330mm | 606×466mm |
| Glass stage size | 210×160mm | 306×196mm | 350×250mm | 450×350mm |
| Resolution of X/Y/Z axis | 0.5µm | | | |
| Accuracy of X/Y axis | ≤(2.5+L/100)µm (L is the measuring length in mm) | | | |
| Repeatability of X/Y axis | 2µm | | | |
| Objective | 0.7X~4.5X (zoom) | | | |
| Working distance | 92mm | | | |
| Magnification | 29X~184X (on 21.5" monitor) | | | |
| Camera | 1/3" color CCD, 0.3M pixel | | | |
| Illumination | surface and contour with adjustable LED | | | |
| Max. height of workpiece | 150mm | | | |
| Max. weight of workpiece | 20kg | | | |
| Operation system | Windows 7/8/10 | | | |
| Drive method | manual | | | |
| Power supply | 110/220V, 50/60Hz | | | |
| Dimension (L×W×H) | 560×540×850mm | 760×600×900mm | 760×600×900mm | 970×670×940mm |
| Weight | 100kg | 120kg | 140kg | 240kg |

OPTIONAL ACCESSORY

| | |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 0.5X auxiliary objective | code: ISD-V-OB05X working distance: 175mm magnification: 14.5~92X (on 21.5" monitor) |
| 2X auxiliary objective | code: ISD-V-OB2X working distance: 36mm magnification: 58~368X (on 21.5" monitor) |
| Probe | code: ISD-V-PROBE includes Ø2mm and Ø3mm styli, Ø25mm calibration ball |
| Vision measuring system with coaxial light lens (with computer) | code: ISD-V150ACL , ISD-V250ACL , ISD-V300ACL , ISD-V400ACL |
| Office software | code: 7313-OFFICE |

STANDARD DELIVERY

| | |
|-------------------------|------|
| Main unit | 1 pc |
| Computer | 1 pc |
| Calibration glass chart | 1 pc |
| Clay | 1 pc |
| Foot switch | 1 pc |
| Anti-dust cover | 1 pc |

SOFTWARE (INCLUDED)

real-time image

X/Y/Z axis

magnification of selected points

light controller

measuring objects

measuring results

measuring tools

movement controller

measuring graphic