

# HORIZONTAL VISION MEASURING SYSTEM CODE ISD-W3150



table (optional)

## SPECIFICATION

Measuring range (X×Z)	300×150mm	
Accuracy	≤(4+L/25)μm L is the measuring length in mm	
Resolution	0.5μm	
Y travel range (focus)	125mm	
Stage	metal stage size	455×126mm
	turning range	±15°
	max. load capacity	30kg
Objective	0.7X~4.5X (zoom)	
Working distance	96mm	
View field (diagonal length)	1.3~8.2mm	
Magnification	34X~213X	
Display	19"	
Camera	1/3" CMOS, 0.8M pixel	
Illumination	surface and contour with adjustable LED	
Operation system	Windows 10	
Drive method	manual	
Power supply	220V, 50Hz	
Dimension (L×W×H)	1164×634×1048mm	
Weight	200kg	



demo sample (optional)



vise (optional)

## STANDARD DELIVERY

Main unit (including computer)	1 pc
Software	1 pc
Calibration glass chart	1 pc
Clay	1 pc
Anti-dust cover	1 pc

## OPTIONAL ACCESSORY

0.5X auxiliary objective	code: ISD-W-OB05X working distance: 175mm magnification: 17~106.5X
2X auxiliary objective	code: ISD-W-OB2X working distance: 32mm magnification: 68~426X
Office software	code: 7313-OFFICE
Table	code: ISD-W-TABLE
Vise	code: ISP-A3000-VISE
Demo sample	code: ISP-A3000-DEMO

# MEASURING SOFTWARE (INCLUDED)

The screenshot displays a software interface for measuring objects. It features a central workspace with a circular object and a crosshair. A table on the right shows X, Y, and Z coordinates. A real-time image of the object is shown at the bottom right. The interface includes a toolbar with various measuring tools and a status bar at the bottom.

Annotations with red lines pointing to specific parts of the interface:

- measuring graphic (points to the circular object in the workspace)
- measuring objects (points to the toolbar)
- measuring tools (points to the toolbar)
- X/Y/Z axis (points to the coordinate table)
- measuring results (points to the coordinate table)
- real-time image (points to the bottom right image)

Axis	Value
X <sub>c</sub>	0.0649
Y <sub>c</sub>	-0.4139
Z <sub>c</sub>	0.0000

Control	Value	Control	Value	Control	Value
Length	0.000	0.000	0.000	0.000	0.000
DT	0.000	0.000	0.000	0.000	0.000
Offset	0.000	0.000	0.000	0.000	0.000
Offset	0.000	0.000	0.000	0.000	0.000