

# HORIZONTAL VISION MEASURING SYSTEM

## PART NO. ISD-W3150-U



table (optional)

### SPECIFICATION

Measuring range (X×Z)	12×6"	
Accuracy	≤(157.5+40L)μin (L is the measuring length in inch)	
Resolution	.00002"	
Y travel range (focus)	4.92"	
Stage	metal stage size	17.91×4.96"
	turning range	±15°
	max. load capacity	66.14lb
Objective	0.7X~4.5X (zoom)	
Working distance	3.78"	
View field (diagonal length)	.05~.32"	
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	110V, 60Hz	
Dimension (L×W×H)	45.83×24.96×41.26"	
Weight	440lb	



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: 6.89" magnification: 17~106.5X
2X auxiliary objective	code: ISD-W-OB2X working distance: 1.26" 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 a circular object. The main window is divided into several sections:

- Top Right:** A panel showing the X, Y, and Z coordinates. The X-axis is 0.0649, the Y-axis is -0.4139, and the Z-axis is 0.0000. A red line points from the label "X/Y/Z axis" to this panel.
- Top Center:** A table titled "Ref Coordinate System" with columns for "X", "Y", and "Z". The data rows show values for "X-length", "Y", "Z-length", "X", "Y", and "Z". A red line points from the label "measuring results" to this table.
- Center:** A 2D graphic showing a circle with a diameter line and a center point. The diameter is labeled "ARC1". A red line points from the label "measuring graphic" to this graphic.
- Bottom Right:** A real-time image of the circular object with a black crosshair. A red line points from the label "real-time image" to this image.
- Bottom Left:** A toolbar with various icons for measuring and editing. A red line points from the label "measuring objects" to this toolbar.
- Bottom Center:** A toolbar with various icons for measuring and editing. A red line points from the label "measuring" to this toolbar.

The word "OK" is displayed in large green letters in the bottom left corner of the real-time image area.