

## INDUSTRY NEWS



### Modernize your shop with affordable Vision Measuring Systems from Insize!

Insize offers both Manual and CNC Vision Measuring Systems. Both the Manual and CNC versions use the same operating system and have the same measuring capabilities. Please see image below on the various measuring capabilities.

- Operation system: Windows 7/8/10
- Language: English
- Single measuring tools:

- |  |  |                                  |
|--|--|----------------------------------|
| measure distance between two points                    | measure length and area of closed curve              | measure coordinate of point      |
| measure length and diameter of arc                     | measure center coordinate and axis length of ellipse | measure angle of two lines       |
| measure width and diameter of ring                     | measure length, width and diameter of key slot       | measure distance of two elements |
| measure focus distance of surface                      | measure length, width and area of rectangle          | measure length of open curve     |
| measure center coordinate, diameter and area of circle |  |                                  |

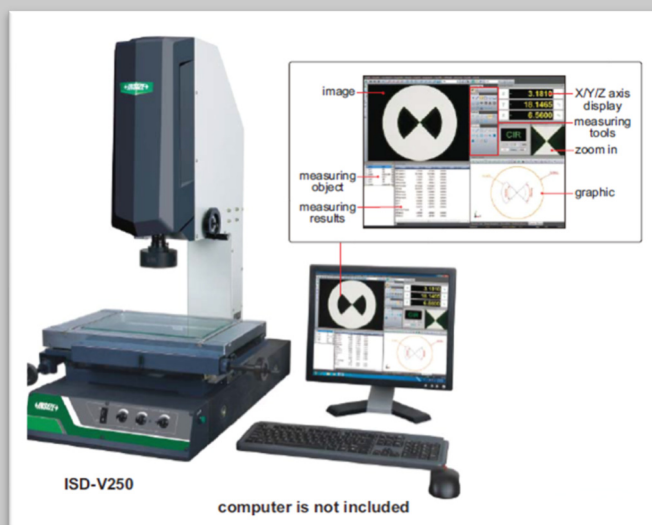
### Manual Vision Inspection System (ISD-V150, ISD-V250, ISD-V300).

#### SPECIFICATION

Part No.	ISD-V150	ISD-V250	ISD-V300
Measuring range (X×Y×Z)	6×4×8"	10×6×8"	12×8×8"
Stage size	13.94×8.98"	17.72×11.02"	19.69×12.99"
Glass stage size	8.27×6.30"	12.05×7.72"	13.78×9.84"
Resolution of X/Y/Z axis	.00002"		
Accuracy of X/Y axis	≤(98.4+10L)μm L is the measuring length in inch		
Repeatability of X/Y axis	.00008"		
Objective	0.7X~4.5X (zoom)		
Working distance	3.62"		
Magnification	33X~195X (on 19" monitor)		
Camera	1/3" color CCD, 0.3M pixel		
Illumination	surface and contour with adjustable LED		
Max. height of workpiece	6.30"		
Max. weight of workpiece	44lb		
Operation system	Windows 7/8/10		
Drive method	manual		
Power supply	110/220V, 50/60Hz		
Dimension (L×W×H)	22.05×21.26×33.46"	29.92×23.62×35.43"	29.92×23.62×35.43"
Weight	220lb	264lb	308lb

Image of the Manual Vision Inspection System (ISD-V250).

Cont. on page 2.



## INDUSTRY NEWS

### CNC Visual Measuring System (ISD-V220CNC, ISD-V270CNC, ISD-V370CNC)

- Automatic edge-detection, focus, measuring, contour scanning, calibration, etc.
- Servo motors for X, Y and Z axis
- SPC function for large quantity measurements

SPECIFICATION			
Part No.	ISD-V220CNC	ISD-V270CNC	ISD-V370CNC
Measuring range (X×Y×Z)	8.66×4.72×5.90"	10.63×6.69×5.90"	14.57×10.63×5.90"
Stage size	17.72×11.02"	19.69×12.99"	23.86×18.35"
Glass stage size	12.05×7.72"	13.78×9.84"	17.72×13.78"
Resolution of X/Y/Z axis	.00002"		
Accuracy of X/Y axis	≤(98.4+10L)μin (L is the measuring length in inch)		
Repeatability of X/Y axis	.00008"		
Objective	0.7X~4.5X (zoom)		
Working distance	3.62"		
Magnification	20X~128X (on 19.5" monitor)		
Camera	1/2" color CCD, 0.4M pixel		
Illumination	surface	coaxial light, programmable segmented ring light	
	contour	adjustable LED	
View field (diagonal length)	.07~.44"		
Max. height of workpiece	6.30"		
Max. weight of workpiece	66lb		
Operation system	Windows 7/8/10		
Drive method	Automatic		
Power supply	110/220V, 50/60Hz		
Dimension (L×W×H)	29.92×23.62×35.43"	29.92×23.62×35.43"	38.19×26.38×37.01"
Weight	322lb	370lb	586lb

Image of CNC Visual Measuring System (ISD-V220CNC) below.



Visit [www.insizeus.com](http://www.insizeus.com) for more information.

Please contact Turpin Sales & Marketing with any questions or for more information.

Jeff Henry  
Vice President & Market Manager  
ME, NH, MA, VT, RI, CT  
jhenry@turpinsales.com  
Cell: 802-254-1407

Mike Pazos  
Market Manager  
Western MA, CT, NYC, LI, NJ  
mpazos@turpinsales.com  
Cell: 413-426-8365

Trevor McDonald  
Market Manager  
NY, Eastern PA, DE, MD  
tmcdonald@turpinsales.com  
Cell: 585-230-8226