

VISION MEASURING SYSTEM CODE ISD-A100**

INSPECTION
CERTIFICATE



- Measures small workpiece (less than 15mm) easily and accurately



software CD (included)



step-zoom lens 0.75X~5X (zoom)



X-Y stage (included)



calibration block (included)



computer is not included

SPECIFICATION

Objective	0.75X~5X (zoom)	
Auxiliary objective	1X (included)	0.5X (included)
Focus distance	82mm	175mm
View field (diagonal length)	1.15mm~7.5mm	2.3mm~15mm
Magnification (19" widescreen display)	44X~280X	22X~140X
Camera	CMOS (color)	
Resolution (pixel)	1280×1024 (1.3M)	
Output	USB2.0	
Accuracy	4μm	
Repeatability	2μm	
Illumination	surface: adjustable ring LED contour: adjustable LED	
Dimension (L×W×H)	300×350×450mm	
Weight	2.8kg	

STANDARD DELIVERY

Main unit	1pc
Software disc	1pc
X-Y stage (travel: 74×60mm)	1pc
Calibration block	1pc
0.5X auxiliary objective	1pc
1X auxiliary objective	1pc
Ø95mm glass plate	1pc
Ø95mm white/black plate	1pc
Anti-dust cover	1pc

** Add "-P" on code No. when power supply is 220V, 50/60Hz
Add "-U" on code No. when power supply is 110V, 50/60Hz

SOFTWARE

- Operation system: Windows 7/8/10
- Language: English, Chinese
- Output to CAD, EXCEL and WORD
- Input CAD, to compare with workpieces

- coordinate transform

Focus indicator:



fast and accurately find the focus distance, eliminate the visual error

Single measuring tools:



measure coordinate of point



measure center coordinate, radius, diameter and area of circle



measure length of line



measure length and diameter of arc

Combined measuring tools:



find midpoint of a line



measure angle between two lines



measure distance from point to line



measure distance from circle to line



measure distance between two lines



measure distance between two circles



find tangent lines between two circles



measure distance between two points



find angular bisector between two lines



find tangent lines between point and circle



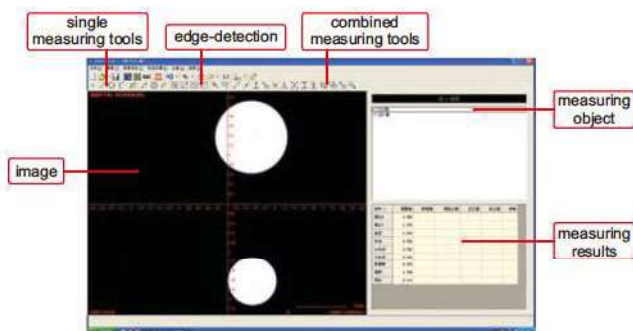
find intersection points between two circles



measure intersection point between two lines



find intersection points between circle and line

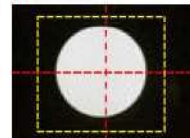


Edge-detection:

Point tool



Box tool



Circle tool

