VISION MEASURING SYSTEM
CODE ISD-A100**

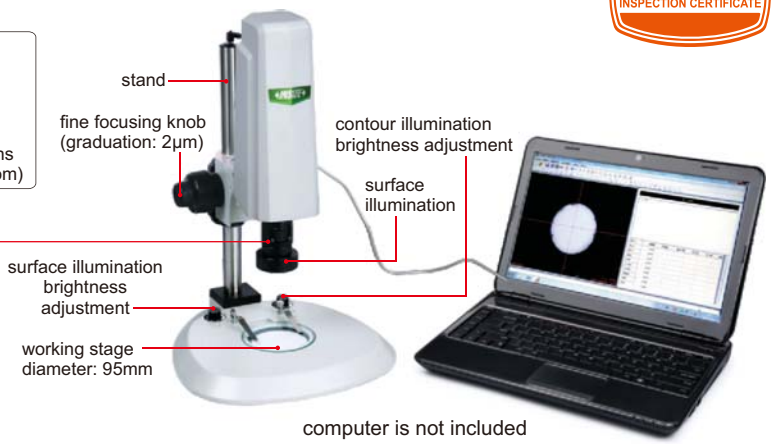
MANUFACTURER INSPECTION CERTIFICATE

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

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
Demension (L×W×H)	300×350×450mm	
Weight	2.8kg	

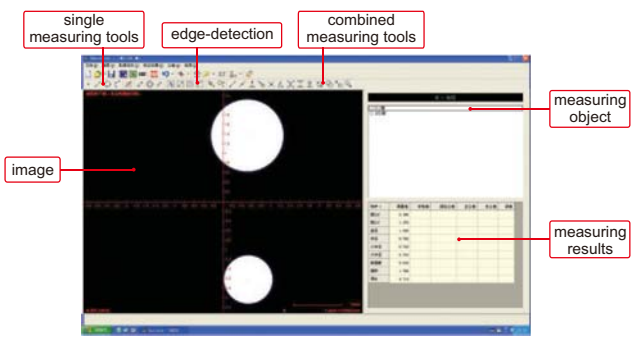
STANDARD DELIVERY

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/XP, screen resolution is 1366×768
- **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



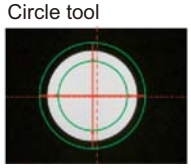
- **Single measuring tools:**
  - measure coordinate of point
  - measure center coordinate, radius, diameter and area of circle
  - measure length of line
  - measure length and diameter of arc

Edge-detection:

Point tool

Box tool

Circle tool



- **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