

**BUILT-IN SOFTWARE  
WITHOUT COMPUTER**

**ELECTRONIC MAGNIFICATION  
FEEDBACK LENS**

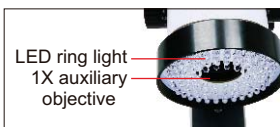
# DIGITAL MEASURING MICROSCOPE CODE 5307-ID100A

- Electronic magnification feedback lens: when the objective lens magnification is changed manually, the software automatically selects the corresponding pre-calibration data and calibration is not needed
- Two methods of LED brightness adjustment, knob adjustment and software adjustment
- Built-in software without computer, operated by mouse
- Take pictures, save to USB flash disk
- Measuring results can be sent to Excel

adjustable display angle



LED ring light  
1X auxiliary  
objective



## SPECIFICATION

Sensor	1/2" CMOS
Pixel	2M
Resolution	1920×1080
Magnification	12~77X
Focus distance	100mm
View field	2.7×1.9~17.5×11.9mm
Max workpiece height	60mm
Frame rate	60fps
Output	USB/HDMI
Power supply	power adapter
Dimension (L×W×H)	610×610×660mm
Weight	4.5kg

## STANDARD DELIVERY

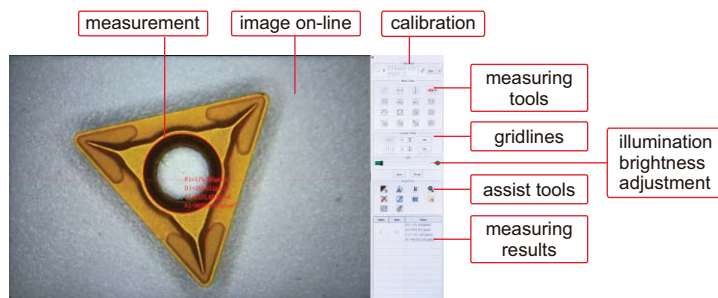
Main unit	1 pc
Calibration plate	1 pc
Power adapter	1 pc
Mouse	1 pc
16G USB flash disk	1 pc

## MAGNIFICATION AND MEASURING ACCURACY

Objective magnification	Magnification	Measuring accuracy
0.7X	12X	±9μm
1X	17X	±9μm
1.5X	26X	±8μm
2X	35X	±7μm
2.5X	43X	±7μm
3X	51X	±7μm
3.5X	60X	±6μm
4X	68X	±6μm
4.5X	77X	±5μm

## SOFTWARE

- Language: English
- Output to Excel
- Edge-detection
- Measurement tools:



- measure length of line or distance between two points
- measure distance between two parallel lines
- measure distance between point and line
- measure radius, diameter, girth and area of circle with three points
- measure minimum distance between point and circle
- cross hair

- measure length of line or distance between two points in horizontal direction
- measure radius, length and angle of arc
- measure radius, diameter, girth and area concentric of circles
- measure distance between line and center of circle
- add text

- measure length of line or distance between two points in vertical direction
- measure angle of two lines
- measure girth and area of polygon
- measure length, width, girth and area of rectangle
- measure center distance between two circles