WiFi DIGITAL MEASURING MICROSCOPE
PART NO. ISM-WF200

VIDEO

- Maximum working distance is 200" under WiFi mode
- Can be connected to multiple iPads, Android devices or computers together under WiFi mode
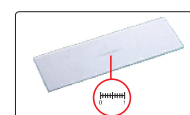- Take pictures and videos
- Supplied with software

filter (**optional**)

take picture
illumination adjustment
USB/WiFi switch
magnification adjustment
focus support

stand (part no. **ISM-PM-STAND, optional**)
software flash disk (included)

plastic calibration rule (included, graduation .039"/1mm)
glass calibration rule (included, graduation .004"/0.1mm)

SPECIFICATION

Magnification	10X~200X
Pixel	1.3M (resolution: 1280×1024)
Illumination	built-in adjustable LED
Power supply	built-in rechargeable battery

STANDARD DELIVERY

Microscope	1 pc
Base support	1 pc
Focus support ring for 80X/150X	1 pc
Focus support ring for 60X/200X	1 pc
Glass calibration rule (graduation .004"/0.1mm)	1 pc
Plastic calibration rule (graduation .039"/1mm)	1 pc
Software and USB cable	1 pc
AC/DC adapter	1 pc

connected to iPad by WiFi

connected to Android device by WiFi

connected to computer by WiFi

connected to computer by USB cable
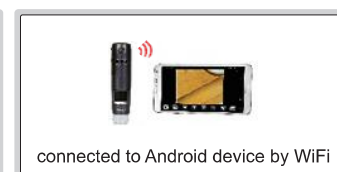
OPTIONAL ACCESSORY

Stand	**ISM-PM-STAND**
Green filter	**ISM-PM-GREEN**
Yellow filter	**ISM-PM-YELLOW**
Blue filter	**ISM-PM-BLUE**

MAGNIFICATION, FOCUS DISTANCE, VIEW FIELD AND ACCURACY

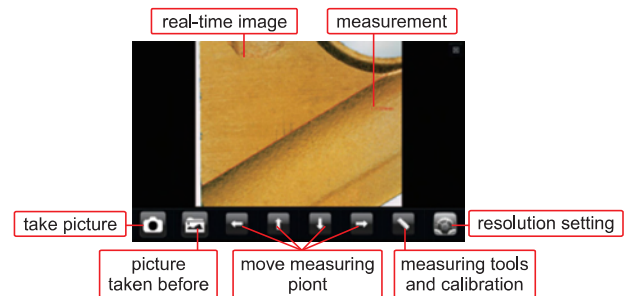| Magnification	Focus distance	View field	Accuracy
50X	.83"	.32×.25"	1.2mil
100X	.51"	.15×.12"	0.6mil
150X	.63"	.10×.08"	0.4mil
200X	.75"	.07×.06"	0.3mil

❶ Software ISM-WF200 (for iPad by WIFI)

measure length of line or distance between two points

measure radius, girth and area of circle with three points

measure angle

real-time image   measurement
picture taken before
measuring tools and calibration
take picture and video
resolution setting
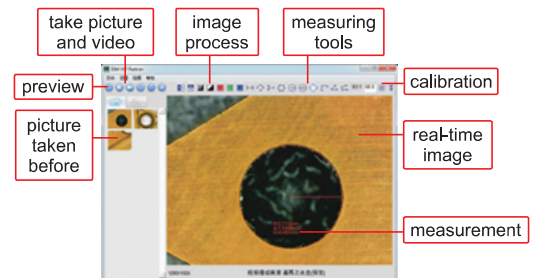move measuring piont
take picture/video switch
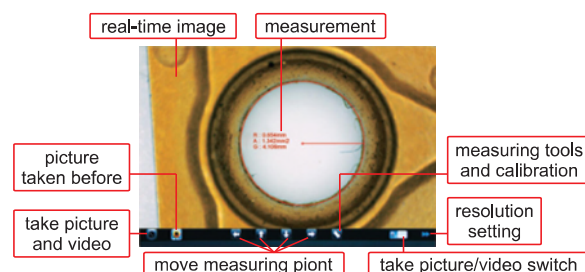
❷ Software ISM-APK (for Android devices by WiFi)

- measure length of line or distance between two points
- measure radius, girth and area of circle with three points
- measure angle

real-time image | measurement
take picture | resolution setting
picture taken before | move measuring piont | measuring tools and calibration

❸ Software ISM-WF Partner (for computer by WiFi)

- measure length of line or distance between two points
- measure area of polygon
- measure angle with three points
- measure radius, girth and area of circle with center point
- measure length of continuous line
- measure radius, girth and area of circle with three points

- measure angle with two lines
- measure radius, girth and area of circle with two points
- measure distance between point and line
- measure radius, length and angle of arc
- measure area of rectangle

take picture and video | image process | measuring tools
preview | calibration
picture taken before | real-time image
measurement

❹ Software ISM-PRO (for computer by USB cable)

■ **Measuring tools:**

- measure length of line or distance between two points
- measure length of continuous line
- measure radius, length and angle of arc
- measure distance between two circles
- measure distance between two parallel lines
- measure radius, girth and area of circle

- measure distance between point and line
- measure area of rectangle
- measure angle with two lines
- add number with circle
- measure angle with three points
- add text

take picture | measurement | real-time image
take video | measuring tools
export to Excel | edge detection measurement tools
export to CAD | comparison tools
calibration
picture taken before | zoom in
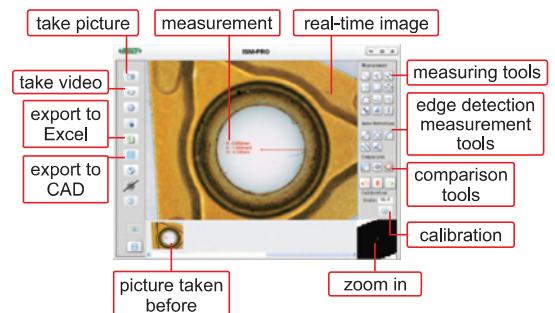
■ **Edge detection measurement tools:**

- detect line automatically, and calculate length
- detect arc automatically, and calculate radius, angle and arc length
- detect circle automatically, and calculate radius, girth and area

- detect two lines automatically, and calculate angle
- detect two parallel lines automatically and calculate distance

■ **Comparison tools:**
Create line, angle or circle with desired size, to compare with workpieces

- create line
- create angle
- create circle with tolerance

■ **Data export to CAD or Excel:**