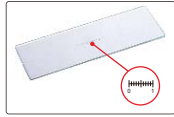# WiFi DIGITAL MEASURING MICROSCOPE
CODE ISM-WF200

calibration rule
(graduation 1mm, included)

calibration rule
(graduation 0.1mm, included)

- Maximum working distance is 5m under WiFi mode
- Can be connected to multiple iPads, Android devices or computers at the same time under WiFi mode
- Take pictures and videos
- Supplied with software

take picture

illumination adjustment

USB/WiFi switch

magnification adjustment

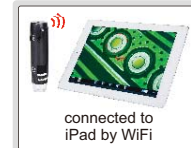focus support

stand (code **ISM-PM-STAND**, optional)

filter (**optional**)
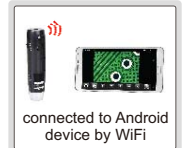
software CD (included)

connected to iPad by WiFi

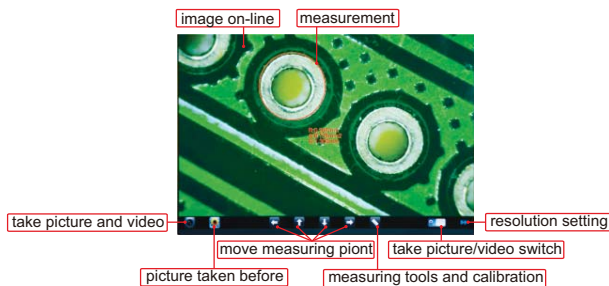connected to Android device by WiFi

connected to computer by WiFi

connected to computer by USB cable

SPECIFICATION

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

STANDARD DELIVERY

Microscope	1pc
Base support	1pc
Focus support ring for 80X/150X	1pc
Focus support ring for 60X/200X	1pc
Calibration rule (graduation 0.1mm)	1pc
Calibration rule (graduation 1mm)	1pc
USB cable and software	1pc
AC/DC adapter	1pc

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

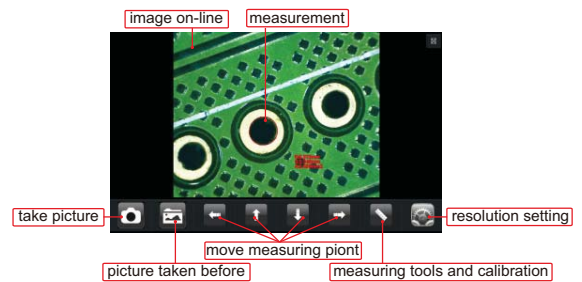| Magnification	Focus distance	View field	Accuracy
50X	21mm	8.1×6.4mm	30µm
100X	13mm	3.9×3.1mm	15µm
150X	16mm	2.6×2.1mm	10µm
200X	19mm	1.8×1.5mm	8µm

❶ Software ISM-PAD (for iPad by WiFi)

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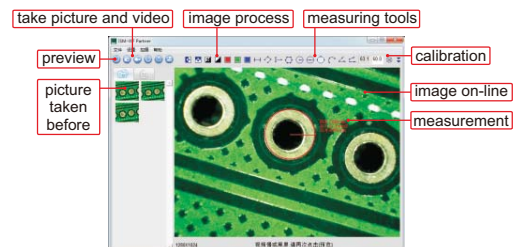- measure radius, girth and area of circle with three points
- measure angle

image on-line

measurement

take picture and video

move measuring piont

picture taken before

take picture/video switch

measuring tools and calibration

resolution setting

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

image on-line

measurement

take picture

move measuring piont

picture taken before

measuring tools and calibration

resolution setting

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

image on-line

measurement

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

- **Measuring tools:**

	measure length of line or distance between two points		measure distance between point and line

  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 three points

  A add text

  measure angle with two lines

  (I) add number with circle

- **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 parallel lines automatically and calculate distance

  detect two lines automatically, and calculate angle

- **Comparison tools:**

  Create line, angle or circle with desired size, to compare with workpieces

  create line

  create angle

  create circle with tolerance

  L:1.418mm

  80.1°

  R=0.550mm
  R:0.500mm
  R:0.450mm
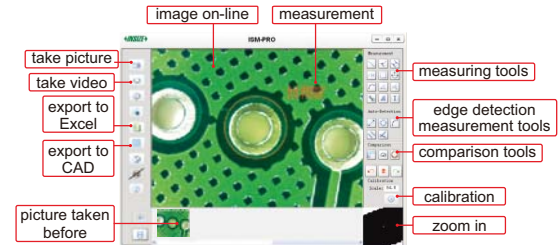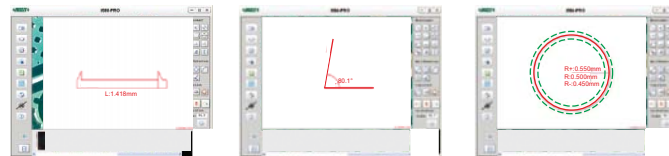
- **Data export to CAD or Excel:**

  0.600mm

  135.20°

  R=0.196mm

Labels on software screenshot:
- image on-line
- measurement
- take picture
- take video
- export to Excel
- export to CAD
- picture taken before
- measuring tools
- edge detection measurement tools
- comparison tools
- calibration
- zoom in