VIDEO

- Maximum working distance is 5m under WiFi mode
- Can be connected to multiple iPads, Android devices or computers together 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**)

software flash disk (included)

filter (**optional**)

plastic calibration rule (graduation 1mm, included)

glass calibration rule (graduation 0.1mm, included)
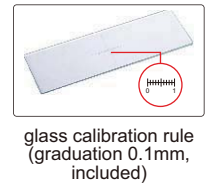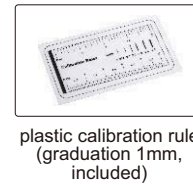
SPECIFICATION

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

connected to iPad by WiFi

connected to Android device by WiFi
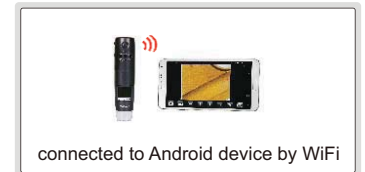
STANDARD DELIVERY

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

connected to computer by WiFi

connected to computer by USB cable

OPTIONAL ACCESSORY

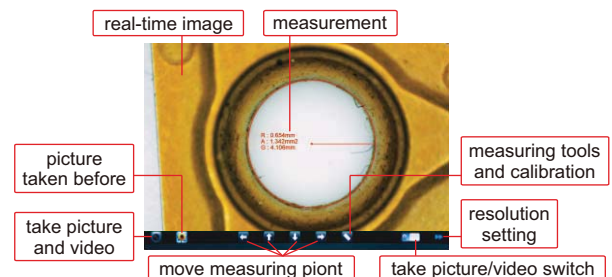|	
Stand	ISM-PM-STAND
Green filter	ISM-PM-GREEN
Yellow filter	ISM-PM-YELLOW
Blue filter	ISM-PM-BLUE

MAGNIFICATION, FOCUS DISTANCE, VIEW FIELD AND ACCURACY

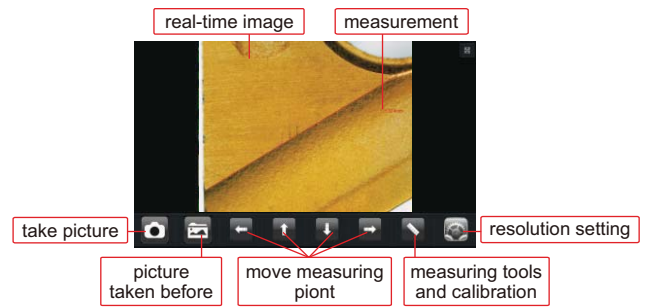| Magnification	Focus distance	View field	Accuracy
50X	21mm	8.1×6.4mm	30µm
100X	13mm	3.9×3.1mm	15µm
150X	16mm	2.6×2.1mm	10µm
200X	19mm	1.8×1.5mm	8µm

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

real-time image

measurement

picture taken before

take picture and video

move measuring piont

measuring tools and calibration

resolution setting

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
- picture taken before
- move measuring piont
- 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
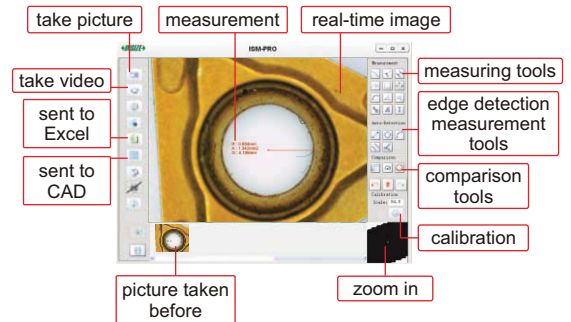- ⌒ measure radius, length and angle of arc
- ▢ measure area of rectangle

- take picture and video
- image process
- measuring tools
- preview
- calibration
- picture taken before
- 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
- A add text

- take picture
- measurement
- real-time image
- take video
- measuring tools
- sent to Excel
- edge detection measurement tools
- sent to CAD
- comparison tools
- picture taken before
- calibration
- zoom in

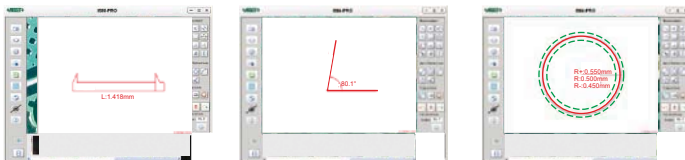■ **Edge detection measurement tools:**

- ◹ 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 is sent to CAD or Excel:**