DIGITAL MEASURING MICROSCOPES

VIDEO

focus support
(included)

put the digital microscope
directly on the workpiece for
inspection and measurement

stand

software flash disk
(included)

measurement

take
picture

illumination adjustment
focus adjustment

magnification adjustment

white/black plate

ISM-PM200SA
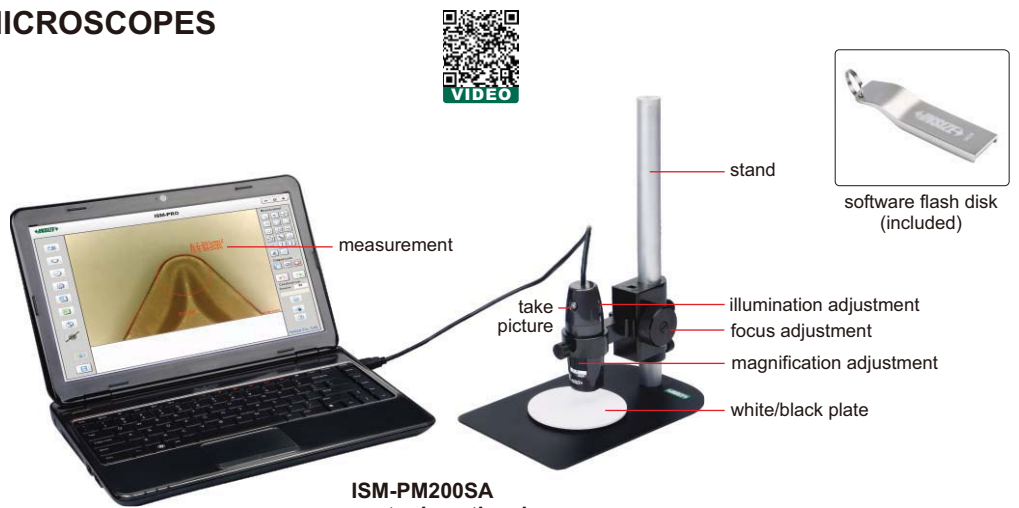**computer is optional**

- Can take pictures and videos
- Supplied with software
- Calibration rules
  (graduation 0.1 and 1mm) are included
- With focus support

universal stand (included in **ISM-PM200SB**)

filter (**optional**)

SPECIFICATION

Code	ISM-PM200SA	ISM-PM200SB
Magnification	10X~200X	10X~200X
Stand	standard	universal
Pixel	2M (resolution: 1600×1200)	
Ilumination	built-in adjustable LED	
Power supply	USB 2.0 cable (voltage required: 5±0.1V)	

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

OPTIONAL ACCESSORY

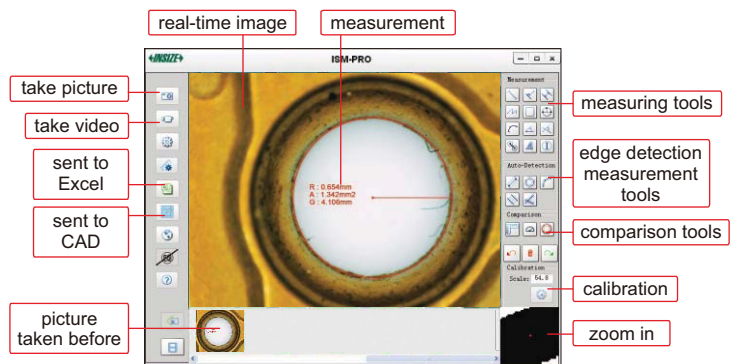| Green filter	ISM-PM-GREEN
Yellow filter	ISM-PM-YELLOW
Blue filter	ISM-PM-BLUE

SOFTWARE

- **Language**: English, Japanese, Korean,
  German, Turkey, Portuguese, Chinese
- **Operation system**: Windows 7/8/XP/Vista
- **Measuring tools:**

real-time image

measurement

take picture
take video
sent to Excel
sent to CAD

picture
taken before

measuring tools

edge detection
measurement
tools

comparison tools

calibration

zoom in

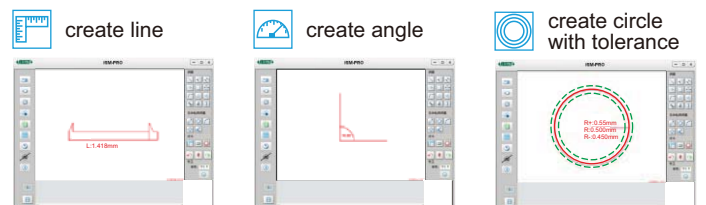|	
measure length of line or distance between two points	measure radius, length and angle of arc
measure area of rectangle	add number with circle
measure distance between two circles	measure length of continuous line
measure distance between two parallel lines	measure angle with three points
measure angle with two lines	measure radius, girth and area of circle
measure distance between point and line	add text

- **Edge detection measurement tools:**

- detect two parallel lines automatically and calculate distance
- detect circle automatically, and calculate radius, girth and area
- detect arc automatically, and calculate radius, angle and arc length
- detect two lines automatically, and calculate angle
- detect line automatically, and calculate length

- **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:**