DIGITAL MEASURING MICROSCOPES

focus support (included)

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

- Can take pictures and videos
- Supplied with software

stand

measurement

take picture

illumination adjustment
focus adjustment
magnification adjustment
white/black plate
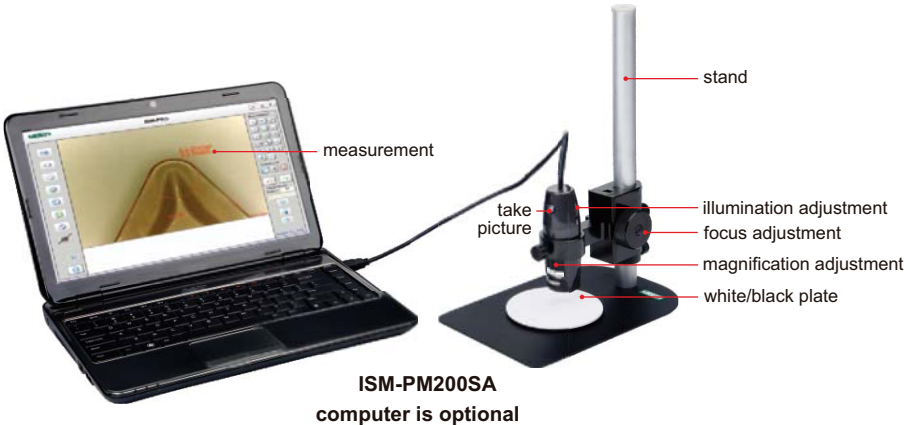
ISM-PM200SA
computer is optional

SPECIFICATION

Code	ISM-PM200SA	ISM-PM200SB	ISM-PM600SA
Magnification	10X~200X	10X~200X	450X~600X
Focus distance	short focus distance	short focus distance	short focus distance
Stand	standard	universal	standard
Focus support	included	included	not included
Calibration rule	graduation 0.1 and 1mm	graduation 0.1 and 1mm	graduation 0.1mm
Pixel	2M (resolution: 1600×1200)		
Ilumination	built-in adjustable LED		
Power supply	USB 2.0 cable (voltage required: 5±0.1V)		

OPTIONAL ACCESSORY

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

filter (**optional**)

software CD (included)

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

MAGNIFICATION, FOCUS DISTANCE, VIEW FIELD AND ACCURACY

ISM-PM200SA/ISM-PM200SB			
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

ISM-PM600SA			
Magnification	Focus distance	View field	Accuracy
450X	1.4mm	0.85×0.67mm	6µm
500X	5.5mm	0.76×0.61mm	6µm
550X	8.6mm	0.69×0.55mm	5µm
600X	11.5mm	0.63×0.51mm	5µm

SOFTWARE

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

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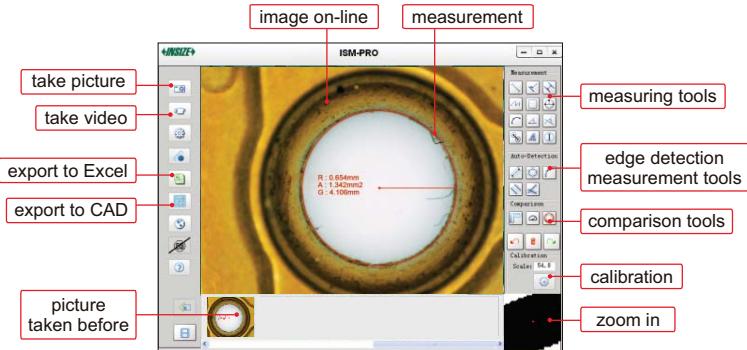
- **Measuring tools:**

  measure length of line or distance between two points

  measure distance between point and line

  measure length of continuous line

  measure area of rectangle

  measure radius, length and angle of arc

  measure distance between two parallel lines

  measure angle with two lines

  measure radius, girth and area of circle

  measure angle with three points

  measure distance between two circles

  add number with circle

  add text

- **Edge detection measurement tools:**

  detect two parallel lines automatically and calculate distance

  detect two lines automatically, and calculate angle

  detect circle automatically, and calculate radius, girth and area

  detect line automatically, and calculate length

  detect arc automatically, and calculate radius, angle and arc length
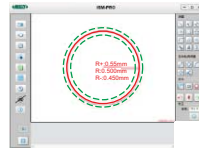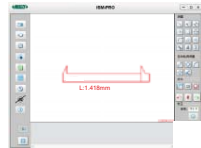
- **Comparison tools:**

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

  create line

  create angle

  create circle with tolerance

  L:1.418mm

  R=0.55mm
  R:0.500mm
  R=0.450mm

- **Data export to CAD or Excel:**

  0.600mm

  R=0.196mm