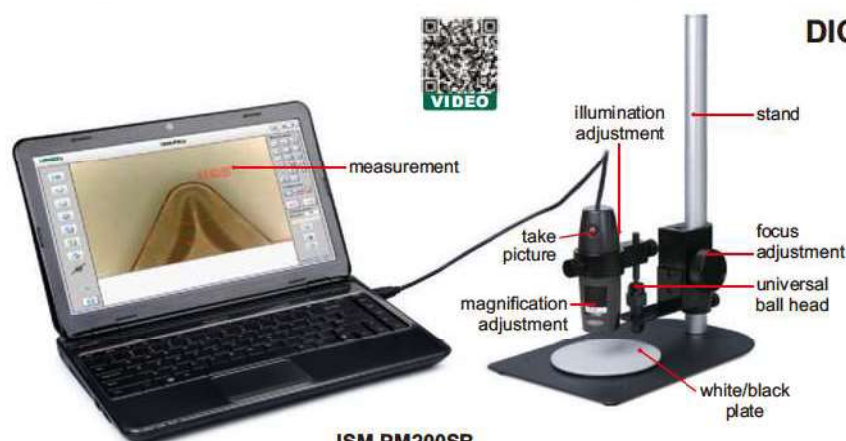


DIGITAL MEASURING MICROSCOPES



ISM-PM200SB
computer is not included

- Can take pictures and videos
- Supplied with software

SPECIFICATION

Code	ISM-PM200SB	ISM-PM600SB	ISM-PM160LA
Magnification	10X~200X	450X~600X	35X~160X
Type	short focus distance	short focus distance	long focus distance
Focus support	included	not included	not included
Calibration rule	graduation 0.1 and 1mm	graduation 0.1mm	graduation 0.1 and 1mm
Pixel	2M (resolution: 1600×1200)		
Illumination	built-in adjustable LED		
Power supply	USB 2.0 cable (voltage required: 5±0.1V)		



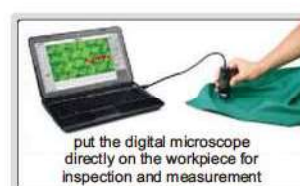
calibration rule
(included,
graduation 1mm)



calibration rule
(included,
graduation 0.1mm)



focus support
(included)



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



stand (included)



software CD
(included)



filter (optional)

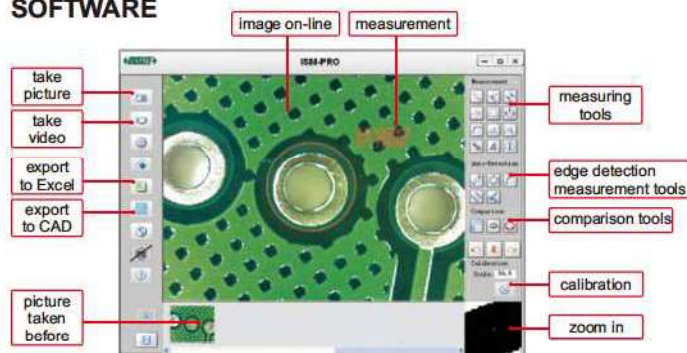
OPTIONAL ACCESSORY

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

MAGNIFICATION, FOCUS DISTANCE, VIEW FIELD AND ACCURACY

ISM-PM200SB				ISM-PM600SB				ISM-PM160LA			
Magnification	Focus distance	View field (mm)	Accuracy	Magnification	Focus distance	View field (mm)	Accuracy	Magnification	Focus distance	View field (mm)	Accuracy
50X	21mm	8.1×6.4	30μm	450X	1.4mm	0.85×0.67	6μm	50X	62mm	8.1×6.4	30μm
100X	13mm	3.9×3.1	15μm	500X	5.5mm	0.76×0.61	6μm	100X	45mm	3.9×3.1	15μm
150X	16mm	2.6×2.1	10μm	550X	8.6mm	0.69×0.55	5μm	160X	50mm	2.4×1.9	10μm
200X	19mm	1.8×1.5	8μm	600X	11.5mm	0.63×0.51	5μm				

SOFTWARE



■ 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

■ Data export to CAD or Excel:



- **Language:** English, Japanese, Korean, German, Turkey, Portuguese, Chinese

- **Operation system:** Windows 7/8/XP/Vista

■ Measuring tools:

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

■ Comparison tools:

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

- create line
- create angle
- create circle with tolerance

