

DIGITAL MEASURING MICROSCOPE



ISM-PM200SB

- Can take pictures and videos
- Supplied with software

SPECIFICATION

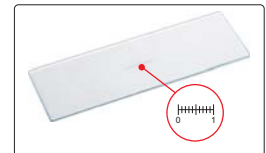
Part No.	ISM-PM200SB	ISM-PM600SB	ISM-PM160LA
Magnification	10X~200X	450X~600X	35X~160X
Type	short focus distance	short focus distance	long focus distance
Focus support	included	not included	not included
Calibration rule	graduation 0.1 and 1mm	graduation 0.1mm	graduation 0.1 and 1mm
Pixel	2M (resolution: 1600×1200)		
Illumination	built-in adjustable LED		
Power supply	USB 2.0 cable (voltage required: 5±0.1V)		



focus support



calibration rule (graduation 1mm)



calibration rule (graduation 0.1mm)

filter (optional)

OPTIONAL ACCESSORY

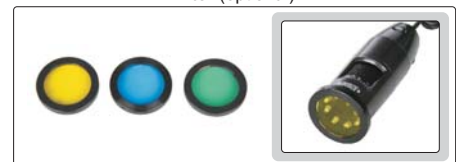
Green filter	ISM-PM-GREEN
Yellow filter	ISM-PM-YELLOW
Blue filter	ISM-PM-BLUE

MAGNIFICATION, FOCUS DISTANCE, VIEW FIELD AND ACCURACY

ISM-PM200SB			
Magnification	Focus distance	View field	Accuracy
50X	.83"	.32×.25"	1.2mil
100X	.51"	.15×.12"	0.6mil
150X	.63"	.10×.08"	0.4mil
200X	.75"	.07×.06"	0.3mil

ISM-PM600SB			
Magnification	Focus distance	View field	Accuracy
450X	.06"	.03×.03"	.24mil
500X	.22"	.03×.02"	.24mil
550X	.34"	.03×.02"	.20mil
600X	.45"	.02×.02"	.20mil

ISM-PM160LA			
Magnification	Focus distance	View field	Accuracy
50X	2.44"	.32×.25"	1.2mil
100X	1.77"	.15×.12"	0.6mil
160X	1.97"	.09×.07"	0.4mil



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

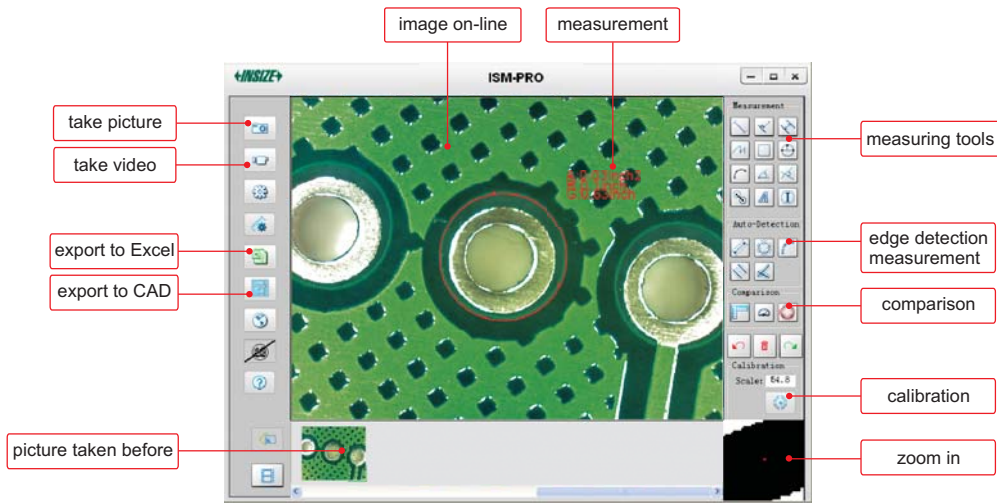
stand (included)



To be continued

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SOFTWARE FOR DIGITAL MEASURING MICROSCOPE



- **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 length of continuous line
- measure radius, length and angle of arc
- measure distance between two circles

- measure distance between point and line
- measure area of rectangle
- measure angle with three points
- add text

- measure distance between two parallel lines
- measure radius, girth and area of circle
- measure angle with two lines
- add number with circle

- **Edge detection measurement:**

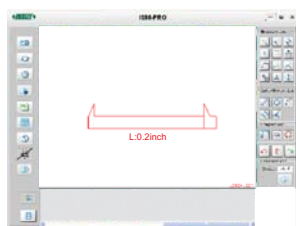
- detect line automatically, and calculate length
- detect arc automatically, and calculate radius, angle and arc length
- detect two lines automatically, and calculate angle

- detect circle automatically, and calculate radius, girth and area
- detect two parallel lines automatically and calculate distance

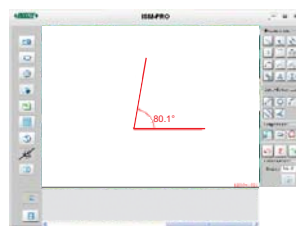
- **Comparison:**

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

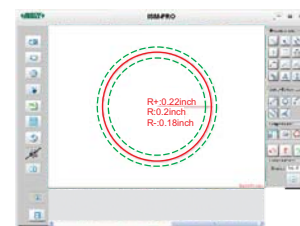
- create line



- create angle



- create circle with tolerance



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

