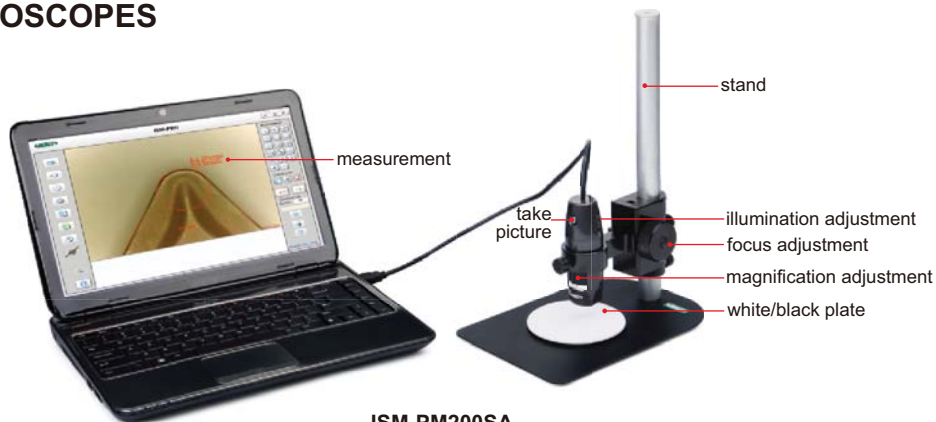


DIGITAL MEASURING MICROSCOPES

- Can take pictures and videos
- Supplied with software



ISM-PM200SA
computer is not included



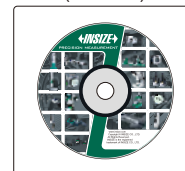
universal stand (included in ISM-PM200SB)



filter (optional)



software CD (included)



SPECIFICATION

Part No.	ISM-PM200SA	ISM-PM200SB	ISM-PM600SA	ISM-PM160LA
Magnification	10X~200X	10X~200X	450X~600X	35X~160X
Focus distance	short focus distance	short focus distance	short focus distance	long focus distance
Stand	standard	universal	standard	standard
Focus support	included	included	not included	not included
Calibration rule	graduation 0.1 and 1mm	graduation 0.1 and 1mm	graduation 0.1mm	graduation 0.1 and 1mm
Pixel	1.3M (resolution: 1280×1024)	2M (resolution: 1600×1200)		
Illumination	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

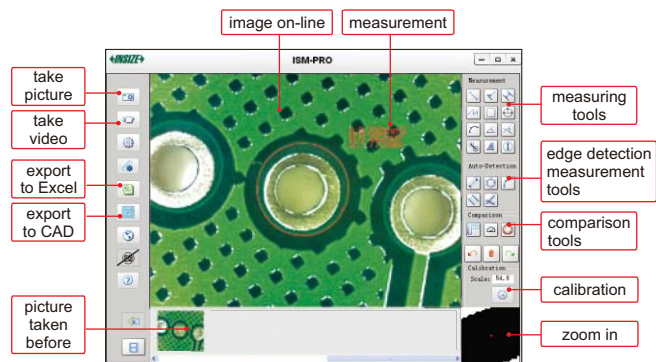
MAGNIFICATION, FOCUS DISTANCE, VIEW FIELD AND ACCURACY

ISM-PM200SA/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-PM600SA			
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













SOFTWARE








To be continued

Continued from previous page

- **Language:** English, Japanese, Korean, German, Turkey, Portuguese, Chinese
- **Operation system:** Windows XP/7/8/10/Vista
- **Measuring tools:**




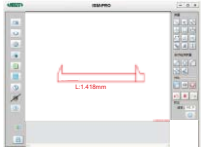

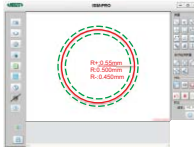
- | | | |
|---|--|--|
|  measure length of line or distance between two points |  measure distance between point and line |  measure area of rectangle |
|  measure radius, length and angle of arc |  measure length of continuous line |  measure angle with two lines |
|  measure distance between two parallel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

▪ **Edge detection measurement tools:**

- | | | |
|---|--|---|
|  detect two parallel lines automatically and calculate distance |  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 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 export to CAD or Excel:**

