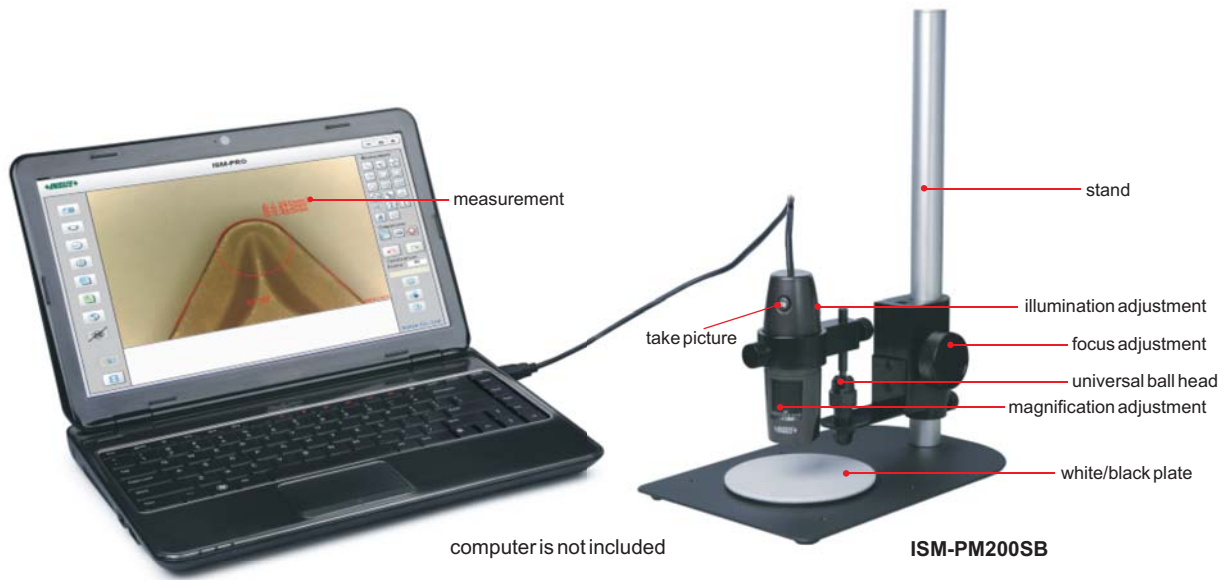


DIGITAL MEASURING MICROSCOPE



- Can take pictures and videos
- Supplied with software

SPECIFICATION

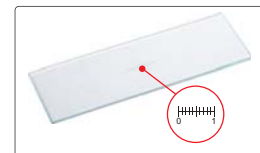
Code	ISM-PM200SB	ISM-PM600SB	ISM-PM160LA
Magnification	10X ~ 200X	450X ~ 600X	35X ~ 160X
Type	short focus distance	short focus distance	long focus distance
Focus support	included	not included	not included
Calibration rule	graduation 0.1 and 1mm	graduation 0.1mm	graduation 0.1 and 1mm
Pixel	2M (resolution: 1600x1200)		
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)

MAGNIFICATION, FOCUS DISTANCE, VIEW FIELD AND ACCURACY

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-PM600SB			
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

ISM-PM160LA			
Magnification	Focus distance	View field	Accuracy
50X	62mm	8.1×6.4mm	30μm
100X	45mm	3.9×3.1mm	15μm
160X	50mm	2.4×1.9mm	10μm



stand



SOFTWARE FOR DIGITAL MEASURING MICROSCOPE



- **Applicable digital microscopes:** ISM-PM200SB, ISM-PM600SB, ISM-PM160LA
- **Language:** English, Japanese, Korean, German, Turkey, Portuguese, Chinese
- **Operation system:** Windows 7/8/XP/Vista

■ Measurement:

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

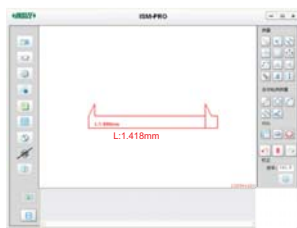
■ Edge detection measurement:

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

■ Comparison:

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

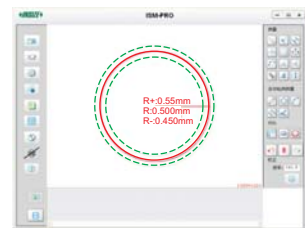
- create line



- create angle



- create circle with tolerance



■ Data export to CAD or Excel:

