

INDUSTRY NEWS



Your Measuring Instrument Source!

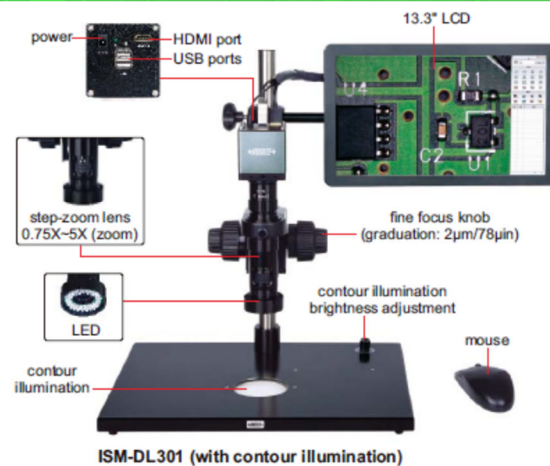
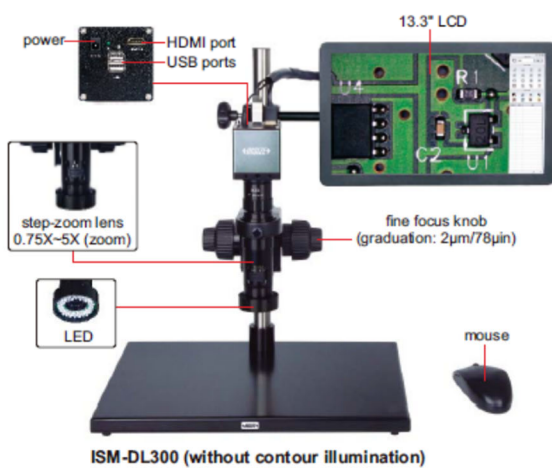
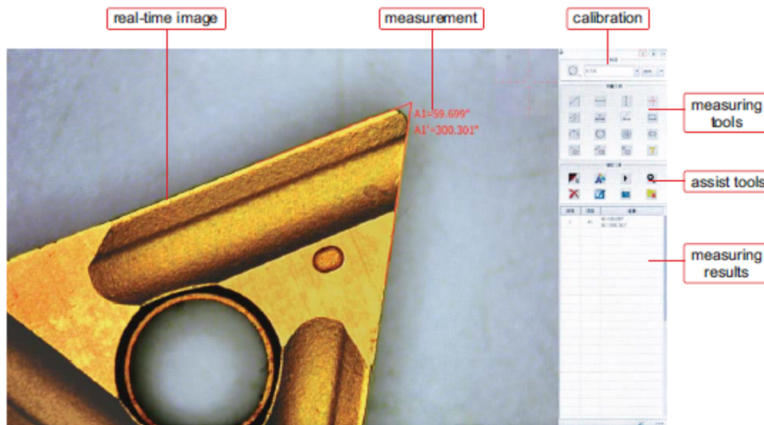
DIGITAL MEASURING MICROSCOPES WITH DISPLAY

◆ Built-in Software without a Computer

◆ Measurement

◆ Take Pictures

- 1080P High-definition image
- Built-in software without a computer, operated by a mouse
- Take pictures, save to USB flash drive
- Measurement results can be sent to Excel
- Automatic white balance and exposure
- Brightness, contract ratio, gain are adjustable



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SPECIFICATION

Part No.	ISM-DL300 (without contour illumination)	ISM-DL301 (with contour illumination)
Magnification	15X~100X	
Sensor	1/2" CMOS	
Pixel	2M	
Resolution	1920×1080	
Frame rate	60fps	
Output	HDMI	
Power supply	power adapter	
Dimension (L×W×H)	22.44×11.81×16.93"	
Weight	14.44lb	

OPTIONAL ACCESSORY

1X camera adapter	ISM-DL-CA1X
2X auxiliary objective	ISM-DL-OB2X
X-Y glass stage (travel: 2.91×2.36")	ISM-DL-STAGE
X-Y metal stage	ISM-DL-STAGE 1
LED light	page 275
Auxiliary objective	page 258

MAGNIFICATION AND MEASURING ACCURACY

Objective magnification	Image magnification	Measuring accuracy *
0.75X	15X	±0.0031"
1X	20X	±0.0028"
1.5X	30X	±0.0024"
2X	40X	±0.0024"
2.5X	50X	±0.0024"
3X	60X	±0.0020"
3.5X	70X	±0.0020"
4X	80X	±0.0016"
4.5X	90X	±0.0016"
5X	100X	±0.0016"

* When measuring the contour of workpieces, please use ISM-DL301 to ensure accuracy.



MAGNIFICATION, FOCUS DISTANCE AND VIEW FIELD

Auxiliary objective	Specification	Camera adapter	
		0.5X (included)	1X (optional)
1X (included)	Magnification	15~100X	30~200X
	Focus distance	2.76±.08"	2.76±.08"
	View filed	.63×.43"~.1×.06"	.31×.21"~.05×.03"
2X (optional)	Magnification	30~200X	60~400X
	Focus distance	1.14±.08"	1.14±.08"
	View filed	.31×.21"~.05×.03"	.15×.11"~.024×.016"

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