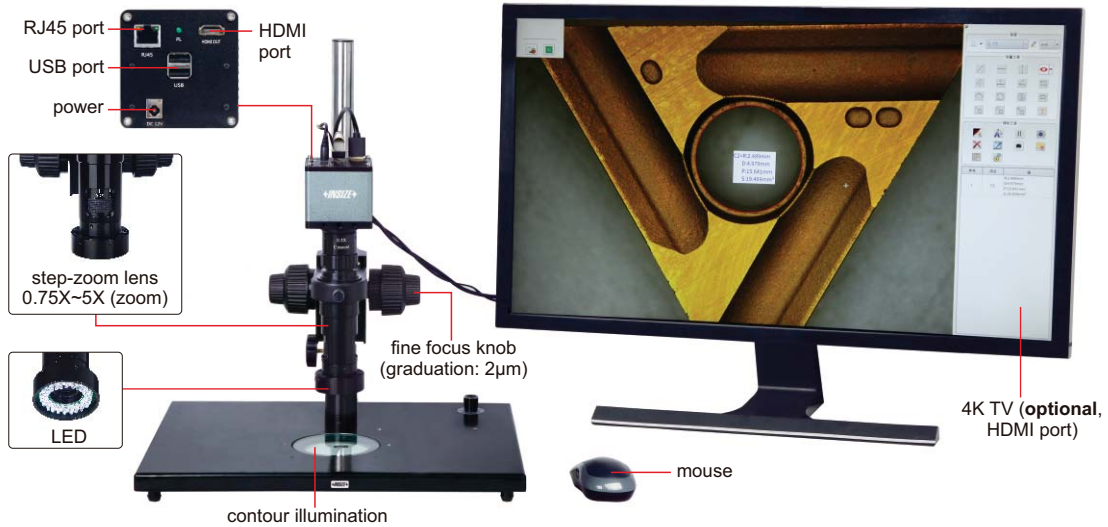


ATTENTION: PLEASE MAKE CONFOCAL ADJUSTMENT AFTER CHANGING CAMERA ADAPTERS OR AUXILIARY OBJECTIVES

HIGH-DEFINITION MEASURING MICROSCOPE CODE ISM-DL500

BUILT-IN SOFTWARE
WITHOUT COMPUTER



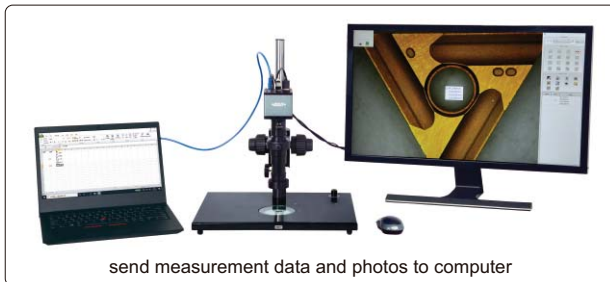
- 5 megapixel high-definition image
- Built-in software without computer, operated by mouse
- Take pictures, save to USB flash disk
- Measurement results can be sent to Excel
- Automatic white balance and exposure
- Send photos and measurement data via ethernet (TCP/IP)
- Name photos and measurement data files with serial number of workpieces read by scanner



0.5X camera adapter
(included)



1X camera adapter
(optional)



1X auxiliary objective
(included)



2X auxiliary objective
(optional)

SPECIFICATION

Magnification (on 28" TV)	30X~200X
Sensor	1/1.8" CMOS
Pixel	5M
Resolution	3072×1728
Frame rate	60fps
Output	HDMI
Power supply	power adapter
Dimension (L×W×H)	570×300×430mm

To be continued

STANDARD DELIVERY

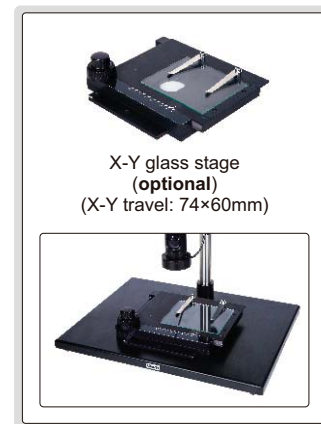
Main unit	1 pc
0.5X camera adapter	1 pc
1X auxiliary objective	1 pc
Calibration plate	1 pc
16G USB flash disk	1 pc
White/black plate	1 pc
Mouse	1 pc
Power adapter	2 pc

OPTIONAL ACCESSORY

1X camera adapter	ISM-DL-CA1X
2X auxiliary objective	ISM-DL-OB2X
X-Y glass stage (travel: 74×60mm)	ISM-DL-STAGE
28" 4K TV	7313-TV28
Scanner and hub	7316-SCAN1
LED light	Page 275
Auxiliary objective	Page 276

MAGNIFICATION AND MEASURING ACCURACY

Objective magnification	Image magnification (on 28" TV)	Measuring accuracy
0.75X	30X	±6μm
1X	40X	±6μm
1.5X	60X	±5μm
2X	80X	±5μm
2.5X	100X	±5μm
3X	120X	±4μm
3.5X	140X	±4μm
4X	160X	±3μm
4.5X	180X	±3μm
5X	200X	±3μm



MAGNIFICATION, FOCUS DISTANCE AND VIEW FIELD (ON 28" TV)

Auxiliary objective	Specification	Camera adapter	
		0.5X (included)	1X (optional)
1X (included)	Magnification	30~200X	60~400X
	Focus distance	70±2mm	70±2mm
	View filed	16.5×11.5~2.5×1.7mm	8.2×5.7~1.3×0.9mm
2X (optional)	Magnification	60~400X	120~800X
	Focus distance	29±2mm	29±2mm
	View filed	8.2×5.7~1.3×0.9mm	4.1×2.8~0.6×0.4mm

SOFTWARE (INCLUDED)

- Refer to page 280 for details

