MOTORIZED FOCUS STACKING MICROSCOPE (WITH DISPLAY)
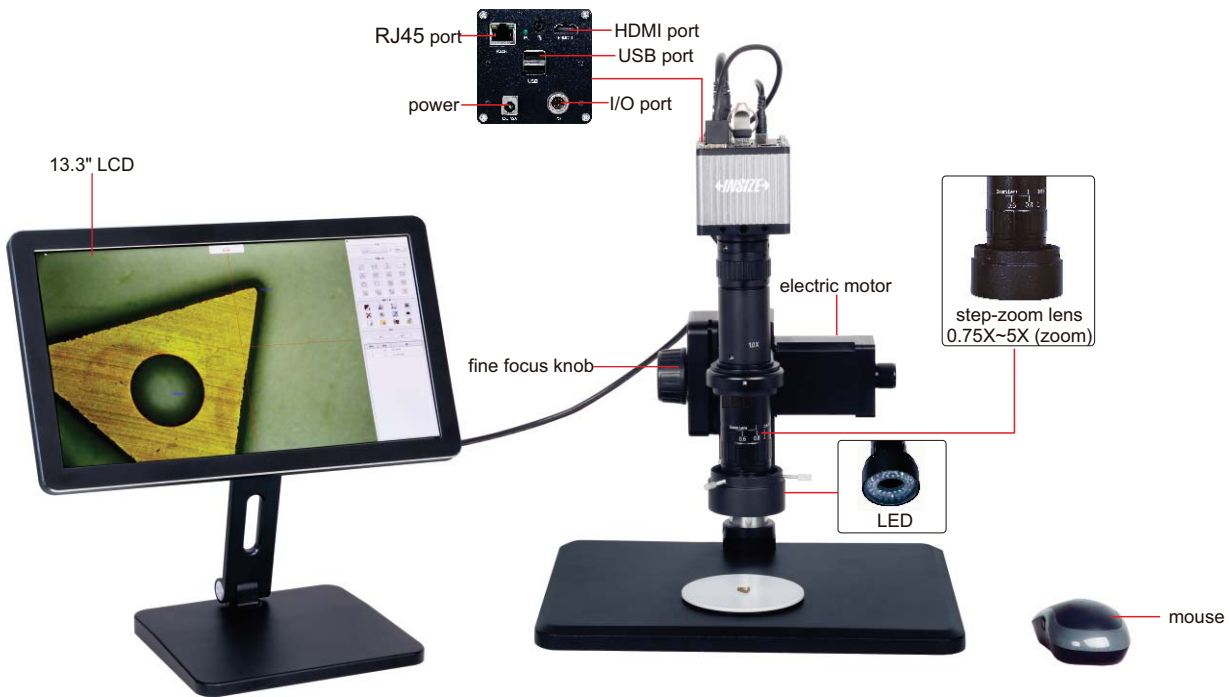# CODE ISM-DL520

MOTORIZED FOCUS STACKING
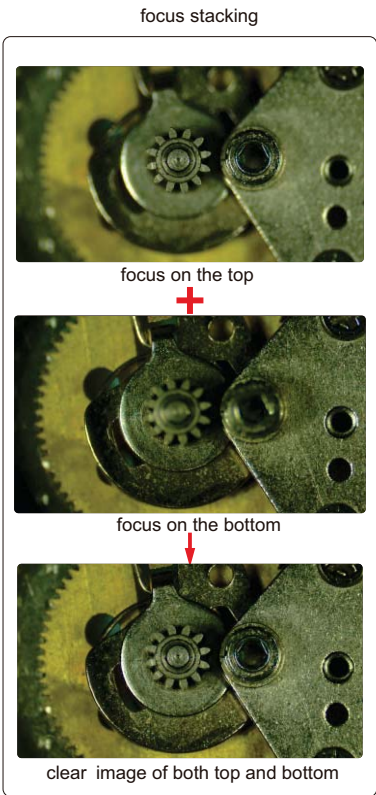
BUILT-IN SOFTWARE WITHOUT COMPUTER

RJ45 port

HDMI port

USB port

power

I/O port

13.3" LCD

electric motor

step-zoom lens
0.75X~5X (zoom)

fine focus knob

LED

mouse

focus stacking

focus on the top

focus on the bottom
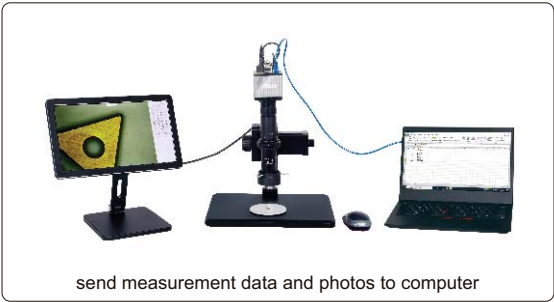
clear image of both top and bottom

- 1080P 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
- Motorized focus stacking
- Send photos and measurement data via ethernet (TCP/IP)
- Name photos and measurement data files with serial number of workpieces read by scanner

SPECIFICATION

Magnification	24.5X~204.5X
View field	2.8×1.6~18×10mm
Focus distance	65mm
Sensor	1/1.2" CMOS
Pixel	2M
Resolution	1920×1080
Frame rate	30fps
Output	RJ45
Power supply	power adapter
Dimension (L×W×H)	320×260×500mm
Weight	7kg

send measurement data and photos to computer

calibration plate
(included)

16G USB flash disk
(included)

MAGNIFICATION AND MEASURING ACCURACY

Objective magnification	Image magnification	Measuring accuracy
0.6X	24.5X	±8µm
0.8X	32.7X	±7µm
1X	40.9X	±6µm
1.5X	61.3X	±6µm
2X	81.8X	±6µm
2.5X	102.2X	±5µm
3X	122.7X	±5µm
3.5X	143.1X	±4µm
4X	163.6X	±4µm
4.5X	184.0X	±4µm
5X	204.5X	±4µm

STANDARD DELIVERY

Main unit	1 pc
1X camera adapter	1 pc
1X auxiliary objective	1 pc
Calibration plate	1 pc
16G USB flash disk	1 pc
Mouse	1 pc
LED ring light	1 pc
White/black plate	1 pc
Power adapter	3 pcs

X-Y metal stage
(**optional**)
(X-Y travel: 100×86mm)

OPTIONAL ACCESSORY

X-Y metal stage(travel: 100×86mm)	ISM-DL-STAGE1

SOFTWARE (INCLUDED)

■ Refer to page 280 for details