LARGE DEPTH OF VIEW DIGITAL MEASURING MICROSCOPES (ADVANCED TYPE)

VIDEO

DUAL SCREEN OPERATION

FOCUS STACKING

PROGRAMMABLE SEGMENTED RING LIGHT

ELECTRONIC MAGNIFICATION FEEDBACK LENS

- 11.6" LCD (included)
- adjustable display angle
- USB ports
- objective magnification adjustment (0.7X~4.5X)
- focus adjustment
- eight-zone LED ring light
- 1X auxiliary objective
- power on/off
- mouse

5322-ID250A

- 11.6" LCD (included)
- USB ports
- objective magnification adjustment (0.7X~4.5X)
- focus adjustment
- power on/off
- LED brightness adjustment
- contour illumination
- mouse

5322-ID260A

16G USB flash disk (included)

calibration plate (included)

adjustable display angle

- 11.6" LCD (included)
- focus adjustment
- USB ports
- objective magnification adjustment (0.7X~4.5X)
- LED ring light
- 0.5X auxiliary objective
- illumination brightness adjustment
- mouse
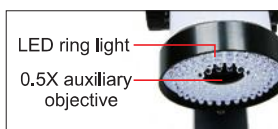
5322-ID300A

- Electronic magnification feedback lens: when the objective lens magnification is changed manually, the software automatically selects the corresponding pre-calibration data and calibration is not needed
- Send photos and measurement data via ethernet (TCP/IP)
- Digital magnification
- Can be connected to display and computer at the same time
- Take pictures, save to USB flash disk
- Measuring results can be sent to Excel

focus stacking

| focus on the top | focus on the bottom | clear image of both top and bottom |

SPECIFICATION

Code	5322-ID250A (high magnification)	5322-ID260A (high magnification, contour illumination)	5322-ID300A (large view field)
Sensor	1/2" CMOS		
Pixel	2M		
Resolution	1920×1080		
Magnification	12~77X		6~38X
Focus distance	60mm		120mm
View field	3.2×1.8~20.9×11.7mm		6.4×3.6~41.8×23.4mm
Max. workpiece height	53mm		205mm
Frame rate	60fps		
Output	USB/HDMI/LAN		
Power supply	power adapter		
Dimension (L×W×H)	260×320×500mm		305×405×530mm
Net weight	5.2kg	5.7kg	7.6kg

STANDARD DELIVERY
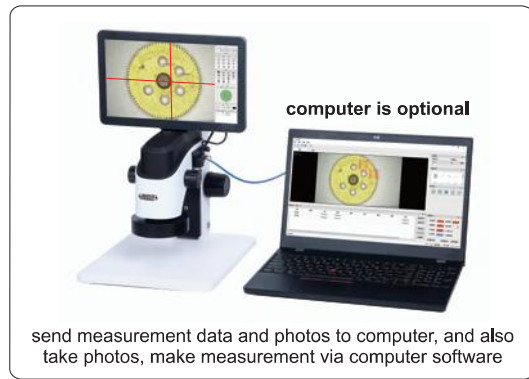
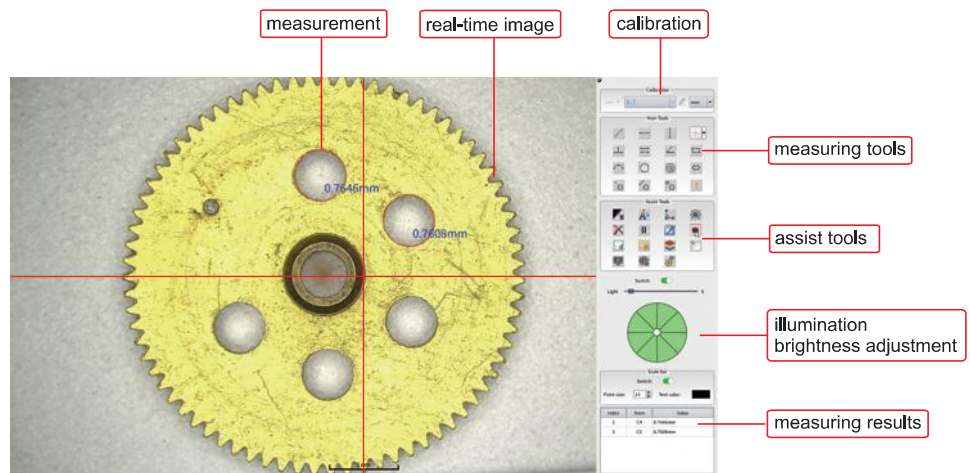|	
Main unit	1 pc
1X auxiliary objective (included in 5322-ID250A, 5322-ID260A)	1 pc
0.5X auxiliary objective (included in 5322-ID300A)	1 pc
Calibration plate	1 pc
Power adapter	1 pc
Mouse	1 pc
16G USB flash disk	1 pc

OPTIONAL ACCESSORY

0.75X auxiliary objective	5307-ID100A-OB075X
2X auxiliary objective	5307-ID100A-OB2X

MAGNIFICATION AND MEASURING ACCURACY

Objective magnification	5322-ID250A, 5322-ID260A		5322-ID300A	
	Magnification	Measuring accuracy	Magnification	Measuring accuracy
0.7X	12X	±9µm	6X	±15µm
1X	17X	±9µm	8X	±15µm
1.5X	26X	±8µm	13X	±9µm
2X	35X	±7µm	17X	±9µm
2.5X	43X	±7µm	21X	±9µm
3X	51X	±7µm	25X	±9µm
3.5X	60X	±6µm	30X	±8µm
4X	68X	±6µm	34X	±8µm
4.5X	77X	±5µm	38X	±7µm

computer is optional

send measurement data and photos to computer, and also
take photos, make measurement via computer software

SOFTWARE FOR LCD (INCLUDED)

measurement

real-time image

calibration

measuring tools

assist tools

illumination
brightness adjustment

measuring results

SOFTWARE FOR COMPUTER (INCLUDED)

measurement

calibration

measuring tools

real-time image

measuring results