

LARGE DEPTH OF VIEW DIGITAL MEASURING MICROSCOPES (ADVANCED TYPE)



DUAL SCREEN
OPERATION

FOCUS
STACKING

ELECTRONIC MAGNIFICATION
FEEDBACK LENS

PROGRAMMABLE
SEGMENTED RING LIGHT

adjustable display angle



eight-zone LED ring light



5322-ID250A

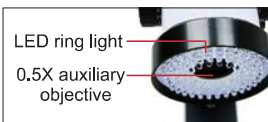


calibration plate
(included)



16G USB flash disk
(included)

adjustable display angle



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

SPECIFICATION

Part No.	5322-ID250A (high magnification)	5322-ID300A (large view field)
Sensor	1/2" CMOS	
Pixel	2M	
Resolution	1920×1080	
Magnification	12~77X	6~38X
Focus distance	2.36"	4.72"
View field	.12×.07~.82×.46"	.25×.14~1.65×.92"
Max. workpiece height	2.08"	8.07"
Frame rate	60fps	
Output	USB/HDMI/LAN	
Power supply	power adapter	
Dimension (L×W×H)	10.24×12.60×19.68"	12.01×15.94×20.87"
Weight	11.46lb	16.76lb

STANDARD DELIVERY

Main unit	1 pc
1X auxiliary objective (included in 5322-ID250A)	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-ID300A	
	Magnification	Measuring accuracy	Magnification	Measuring accuracy
0.7X	12X	±.00035"	6X	±.00059"
1X	17X	±.00035"	8X	±.00059"
1.5X	26X	±.00031"	13X	±.00035"
2X	35X	±.00027"	17X	±.00035"
2.5X	43X	±.00027"	21X	±.00035"
3X	51X	±.00027"	25X	±.00035"
3.5X	60X	±.00024"	30X	±.00031"
4X	68X	±.00024"	34X	±.00031"
4.5X	77X	±.00020"	38X	±.00027"

focus stacking



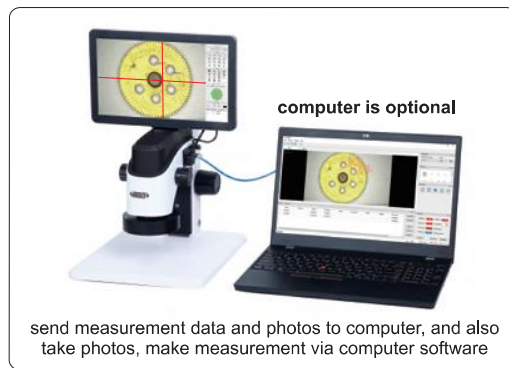
focus on the top



focus on the bottom

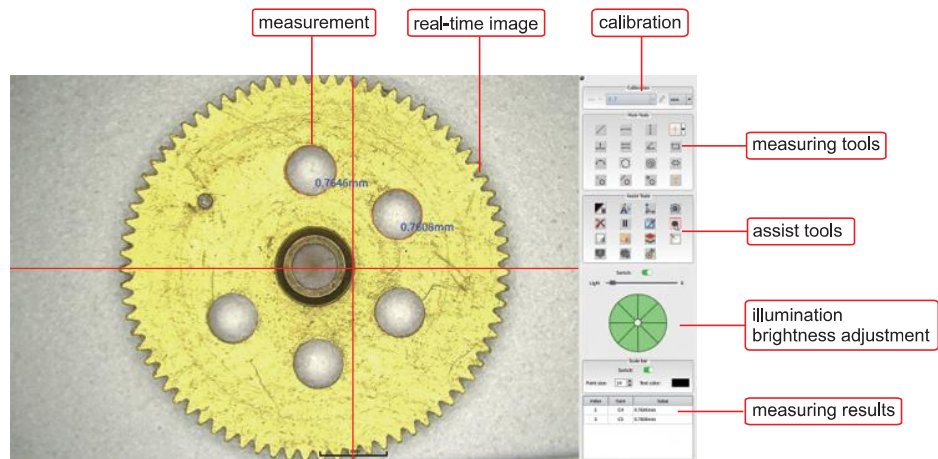


clear image of both top and bottom



SOFTWARE FOR LCD (INCLUDED)

- Refer to page 623 for details



SOFTWARE FOR COMPUTER (INCLUDED)

