

# LARGE DEPTH OF FIELD 3D MEASURING MICROSCOPE PART NO. 5323-D215

STEREOSCOPIC 3D IMAGING

ROTATABLE OBSERVATION

PROFILE HEIGHT MEASUREMENT

0.7X-5X step-zoom lens with built-in coaxial light

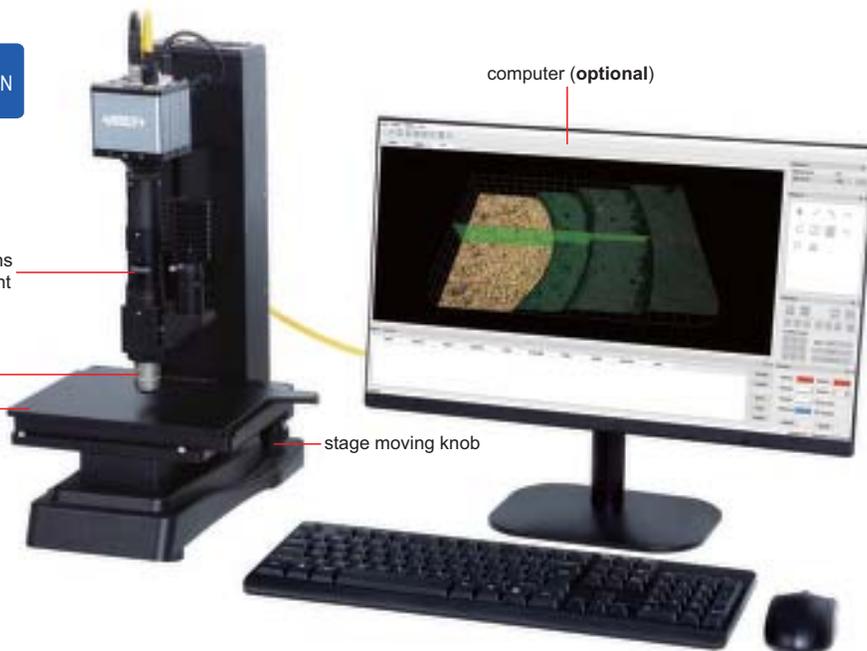
objective

stage

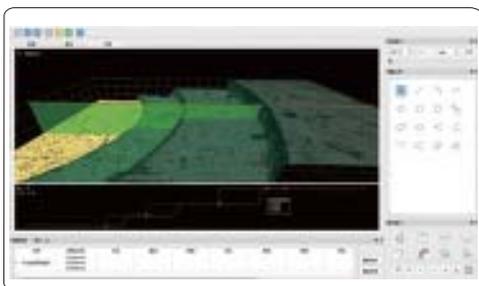
stage moving knob

computer (optional)

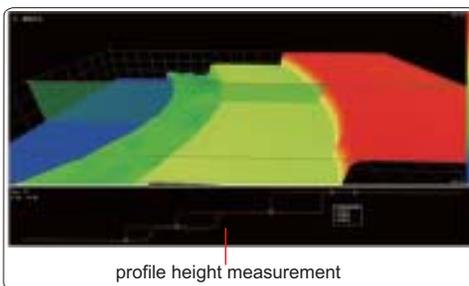
- The Z-axis is driven by high precision stepping motor
- Can be connected to display and computer at the same time
- Fast generation of large depth of field images
- Plane measurement and profile height measurement



## SOFTWARE FOR COMPUTER (INCLUDED)

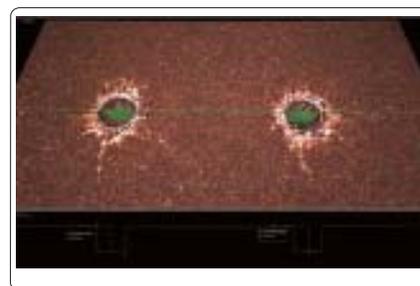


constructing stereoscopic 3D imaging that can be dragged and rotated for viewing, the cutting line can be dragged at any angle



profile height measurement

the chromatogram height clearly shows the difference in three-dimensional height



fast generation of large depth of field images

## SPECIFICATION

Sensor	1/1.2" CMOS
Pixel	2M
Resolution	1920×1080
Magnification (10X objective)	142~970X (on 21.5" monitor)
Z-axis measurement range	.0012~.23"
View field (10X objective)	.011×.006~.078×.047"
Working distance	.43"
Frame rate	30fps
Stage	size: 7.87×7.08" travel: 3.93×4.29"
Plane measuring accuracy	±.0002"
Profile measuring accuracy*	±.0004"
Output	HDMI/LAN
Power supply	power adapter
Dimension (L×W×H)	9.05×12.99×19.68"
Weight	28lb

\* During 3D synthesis, the number of photos should be not less than 150 in order to achieve this accuracy

## STANDARD DELIVERY

Main unit	1 pc
10X objective	1 pc
1X objective	1 pc
Power adapter	1 pc
Calibration plate	1 pc
16G USB flash disk	1 pc

## OPTIONAL ACCESSORY

5X objective	<b>5323-D215-5X</b> (working distance: .59")
20X objective	<b>5323-D215-20X</b> (working distance: .47")
50X objective	<b>5323-D215-50X</b> (working distance: .15")

## COMPUTER

Operation system	Win 10/11 (64 bits)
CPU	Intel Core 2 2.8GHz
Memory	16GB
LAN port	Gigabit Ethernet port