

LARGE DEPTH OF FIELD 3D MEASURING MICROSCOPE

CODE 5323-D215

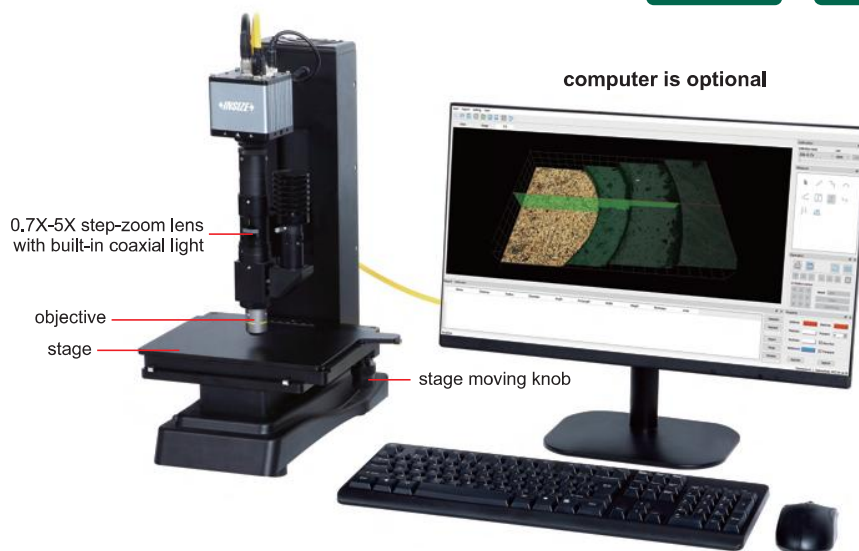
STEREOSCOPIC
3D IMAGING

ROTATABLE
OBSERVATION

PROFILE HEIGHT
MEASUREMENT



- 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

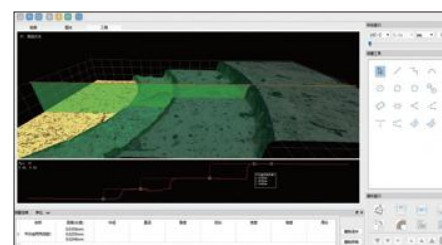


SPECIFICATION

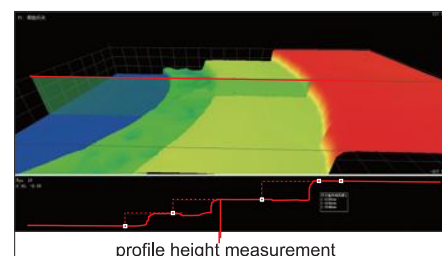
Sensor	1/1.2" CMOS
Pixel	2M
Resolution	1920×1080
Magnification (10X objective)	142~970X (on 21.5" monitor)
Z-axis measurement range	30μm~6mm
View field (10X objective)	0.29×0.16~2.0×1.2mm
Working distance	11mm
Frame rate	30fps
Stage	size: 200×180mm travel: 200×180mm
Plane measuring accuracy	±5μm
Profile measuring accuracy *	±10μm
Output	HDMI/LAN
Power supply	power adapter
Dimension (L×W×H)	230×330×500mm
Weight	12.7kg

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

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

STANDARD DELIVERY

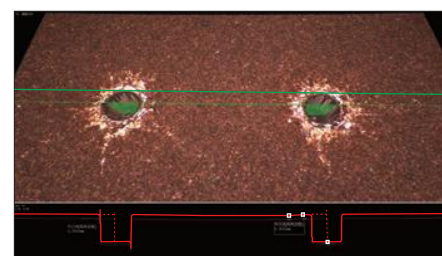
Main unit	1 pc
10X objective	1 pc
1X objective	1 pc
Power adapter	1 pc
Calibration plate	1 pc
16G USB flash disk	1 pc

COMPUTER

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

OPTIONAL ACCESSORY

5X objective	5323-D215-5X (working distance: 15mm)
20X objective	5323-D215-20X (working distance: 12mm)
50X objective	5323-D215-50X (working distance: 4mm)



fast generation of large
depth of field images