

ROTATABLE
OBSERVATION

STEREOSCOPIC 3D IMAGING
AND MEASUREMENT

AUTO
FOCUS

3D LARGE DEPTH OF FIELD CAMERA CODE ISM-DF80



mounted on microscope



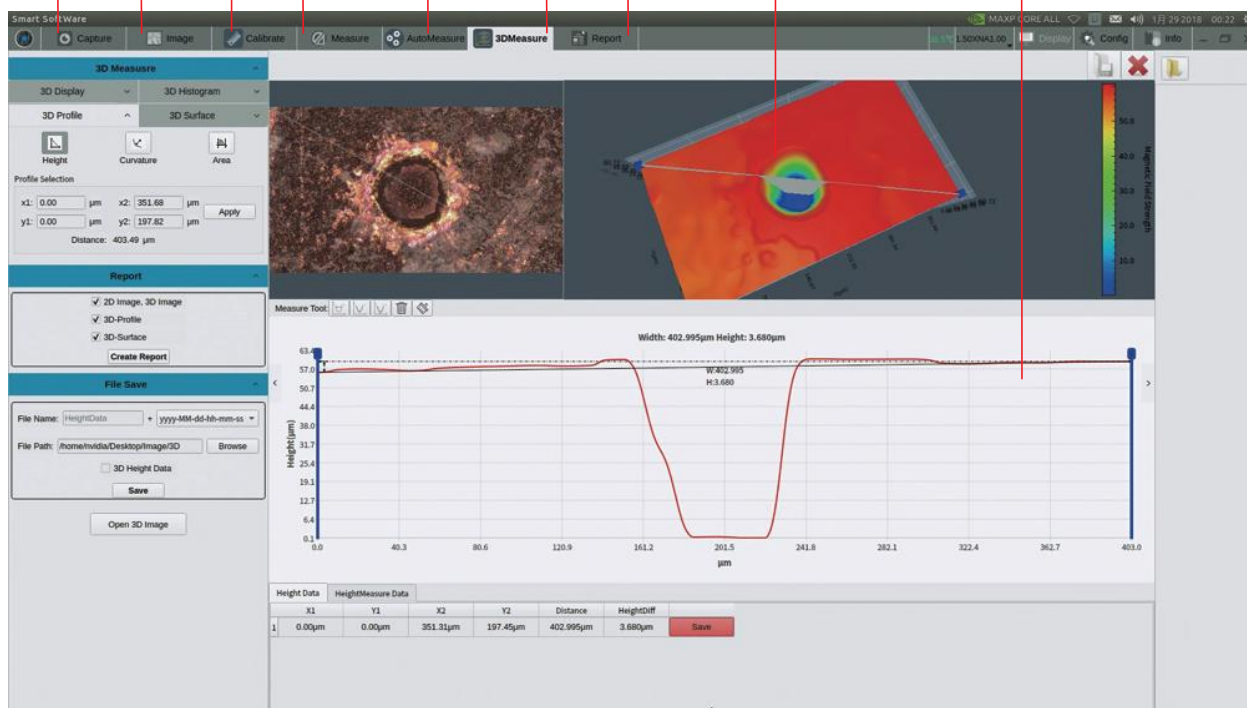
C-mount port



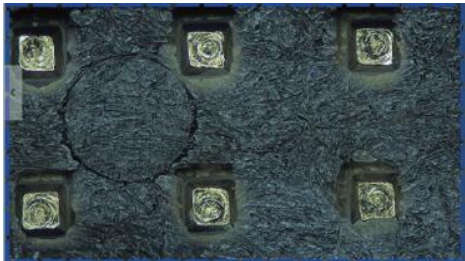
- Built-in measuring software for display, without computer
- 2D observation and measurement, auto focus
- Focus stacking for large depth of field observation
- Constructing 3D imaging and 3D measurement
- Creating report automatic and data can be exported
- Real-time wide dynamic, effectively eliminating reflections on metal surfaces

SOFTWARE

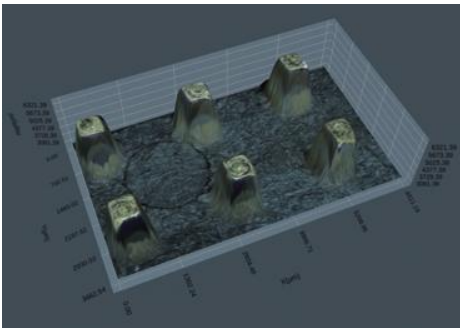
capture image calibration 2D measurement auto measurement 3D measurement report chromatogram height height difference measurement



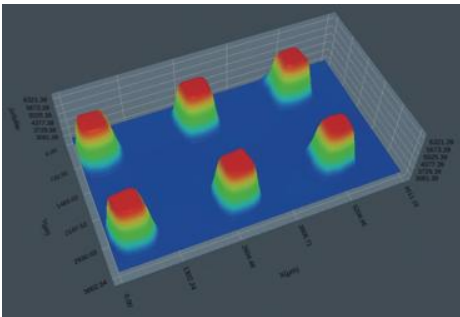
3D COMPOSITE IMAGE



depth of field synthesized image

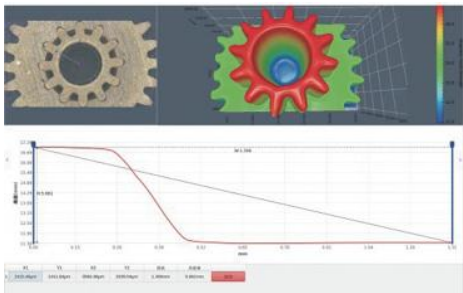


3D composite image

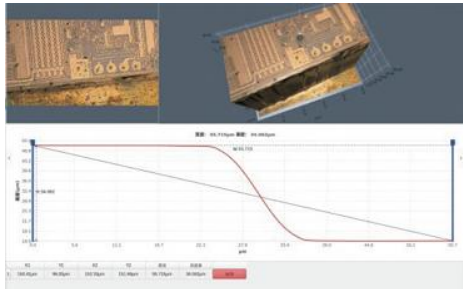


chromatogram height image

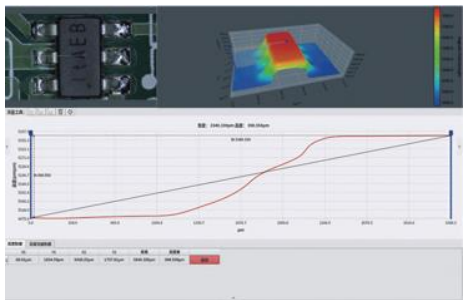
3D MEASUREMENT APPLICATION



measurement of component bore height



measurement of height difference of metal parts



measurement of board height differences

SPECIFICATION

Sensor	1/2" CMOS
Resolution	1920×1080
Pixel	2M
Single pixel	3.75×3.75μm
Frame rate	60fps (normal) / 30fps (WDR)
Output	HDMI/LAN
Lens connection	C-mount
Exposure	auto: 0.1~16.6ms, manual: 0.0001~1s
Power supply	110~220V, 50/60Hz
Dimension (L×W×H)	87×181×103mm
Weight	2500g

STANDARD DELIVERY

Camera	1 pc
16G USB flash disk	1 pc
Mouse	1 pc
Keyboard	1 pc
HDMI 2.0 cable	1 pc
Glass calibration ruler	1 pc
Calibration block	1 set
Power adapter	1 pc