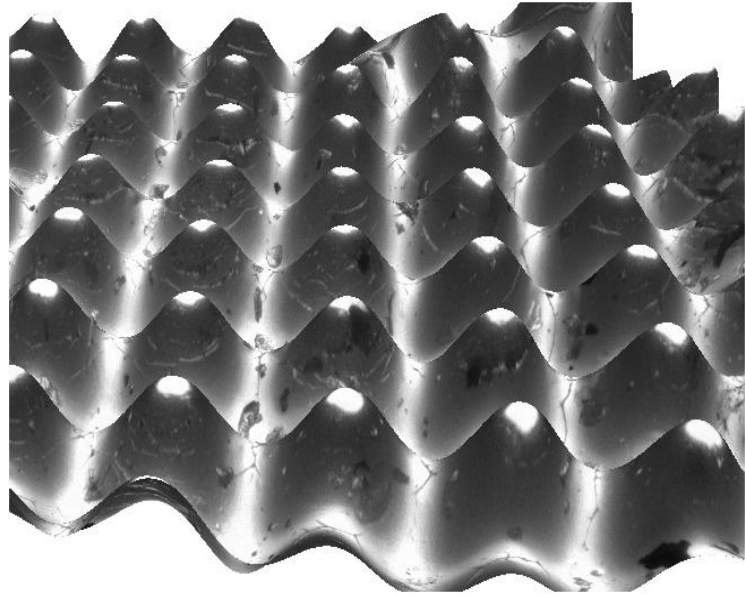


3D device with transmission light



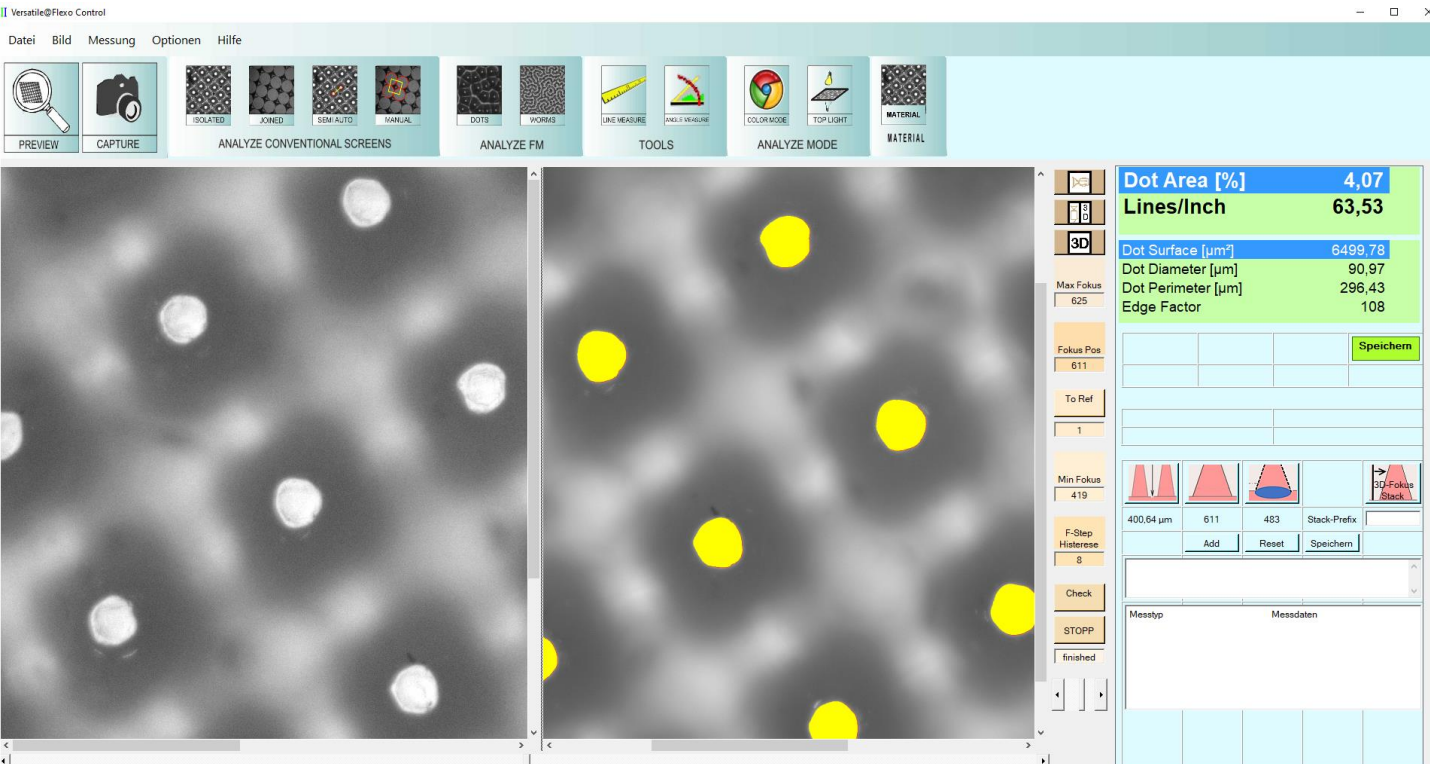
3D rendered sample image

2D /3D image quality in perfection

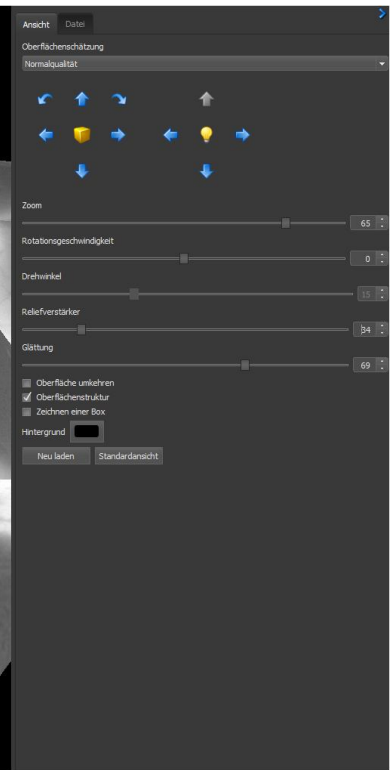
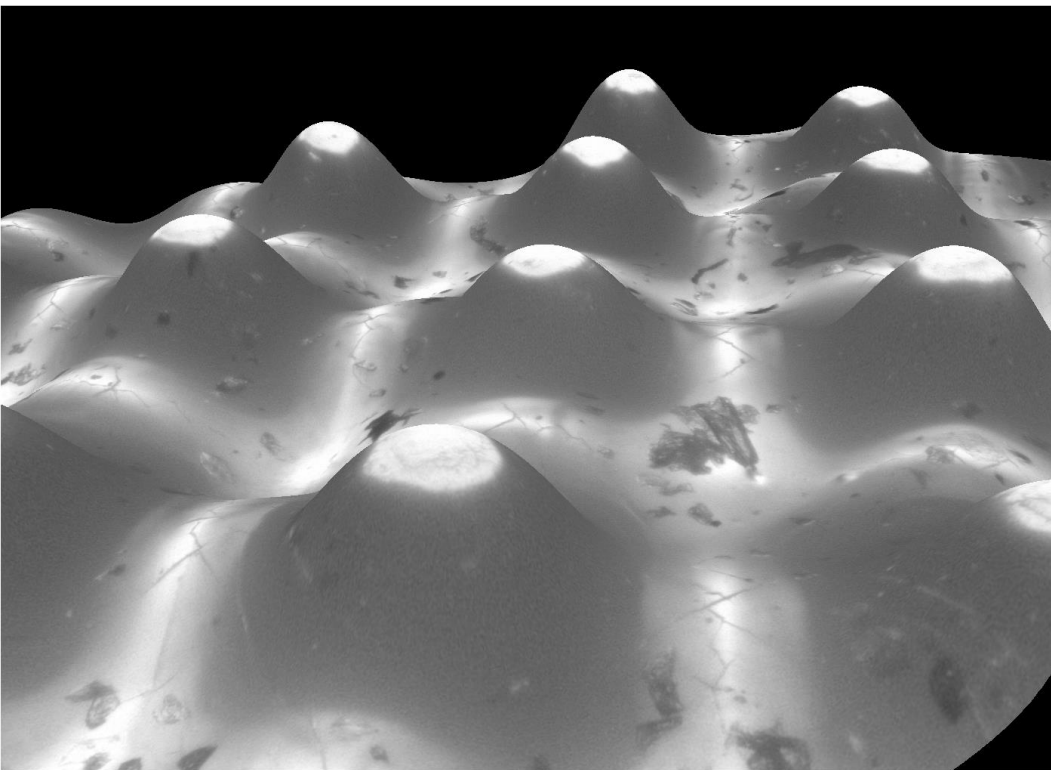
3D image rendering

Automatic sharpness control

automated image rendering

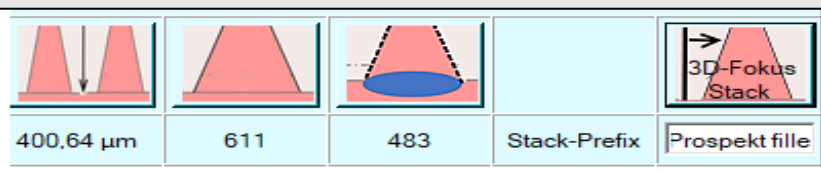


- 2D measurement and visualization of results for: % Dot area, Line screen and more
- 3D precise depth measurements, increments < 5µm per Z-stack focusing
- Comparison of live images and results, including
- Store images and results – measuring of flanks of half tone dots.....



- ❑ Capturing Z stack images, to obtain 3D images and EDOF images for perfect field of view depth, to see more image details than ever before.
- ❑ Rotate the 3D image, enlarge/ minimize images, or generate video sequences

Automated depth scan to determine relief depth, plate thickness or to determine the diameter of the dots in all selected Z-stack level area.



Automated image capturing

- Image capture within seconds
- Depth detection within seconds

Functions	Measurement	Plate Type	Measurement Technology
-Dot area % metal-backed photopolymer	-Flexo Plates	AM,FM,HD	Resolution > 37000 ppi
- Dot size (dot diameter)/μm/mil	-Masked Material, film		field of view < 3mm ² , scan depth > 1000μm
Screen ruling (lines/cm or lines/inch)	Side view		Screen Ruling:30- 260/cm; 76-660 Lpi, 4000 ppi
Line Width, Angle	Conventional flexoplates		Repeatability: +/- 0,5% fo Y and for Z max +/- 25μm
	Rubber plates, except black		Calibration: ISO cal. target/ for 2 D
Statistics, Graphics,Data Comparison	metal back plates, partial		Sphere calibration for 3 D
Simultaneous view life image and results			Delivered components
Optical system			FASD ^{3D} device with Versatile software,64b Bit and Dongle
Full scan of the entire 3D image with PMAG >4x, resolution > 288L/mm			lightbox, 3 D software, calibration tools
Individual image contrast and brightness control			Transportation box
Sytem Requirements	Windows 10 64Bit, processor min.1GHz,		
8GB RAM,1 USB3, 2 USB 2 Ports Ports, sehr gute Graphik Karte,Monitor 1920x1080			All technical data can be changed without announcement