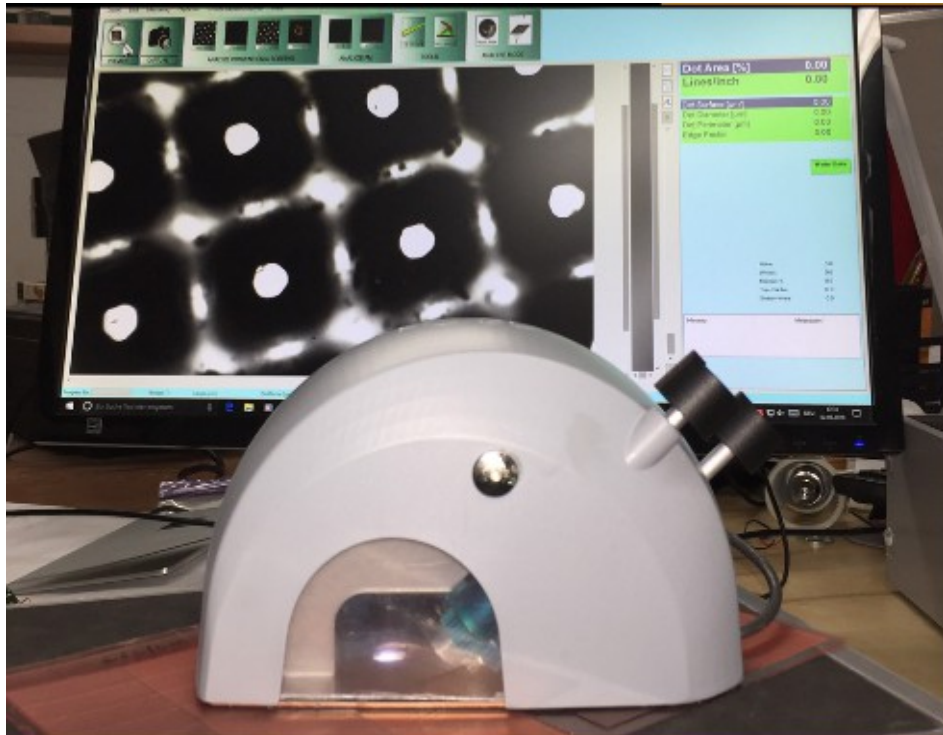


Sibress

FlexoControl3D⁺



Mobile Version incl. light table

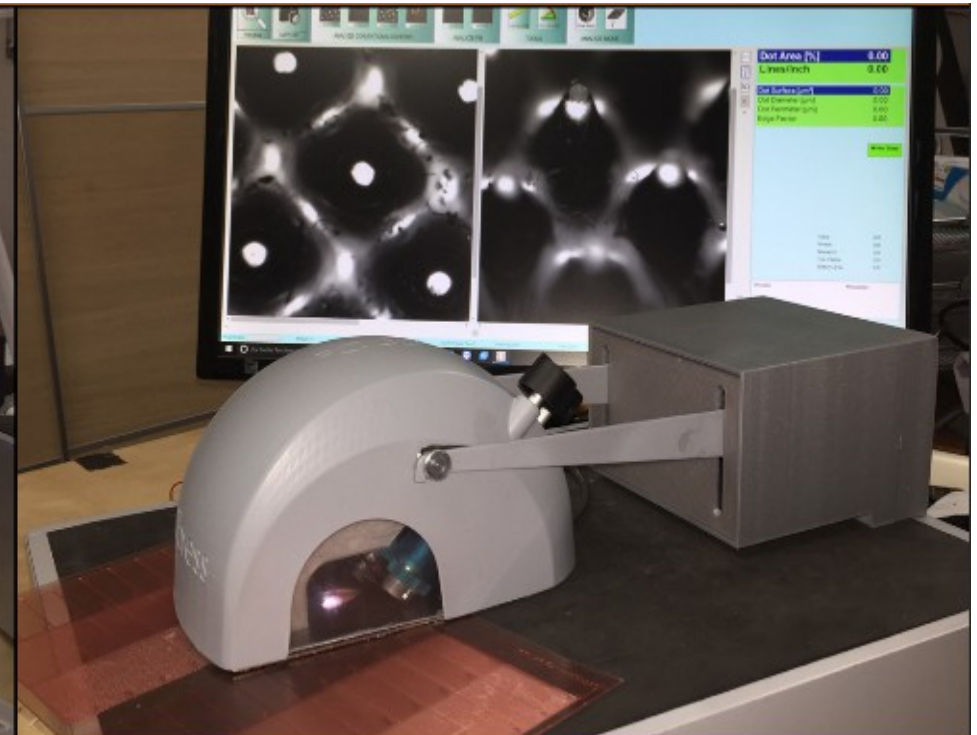


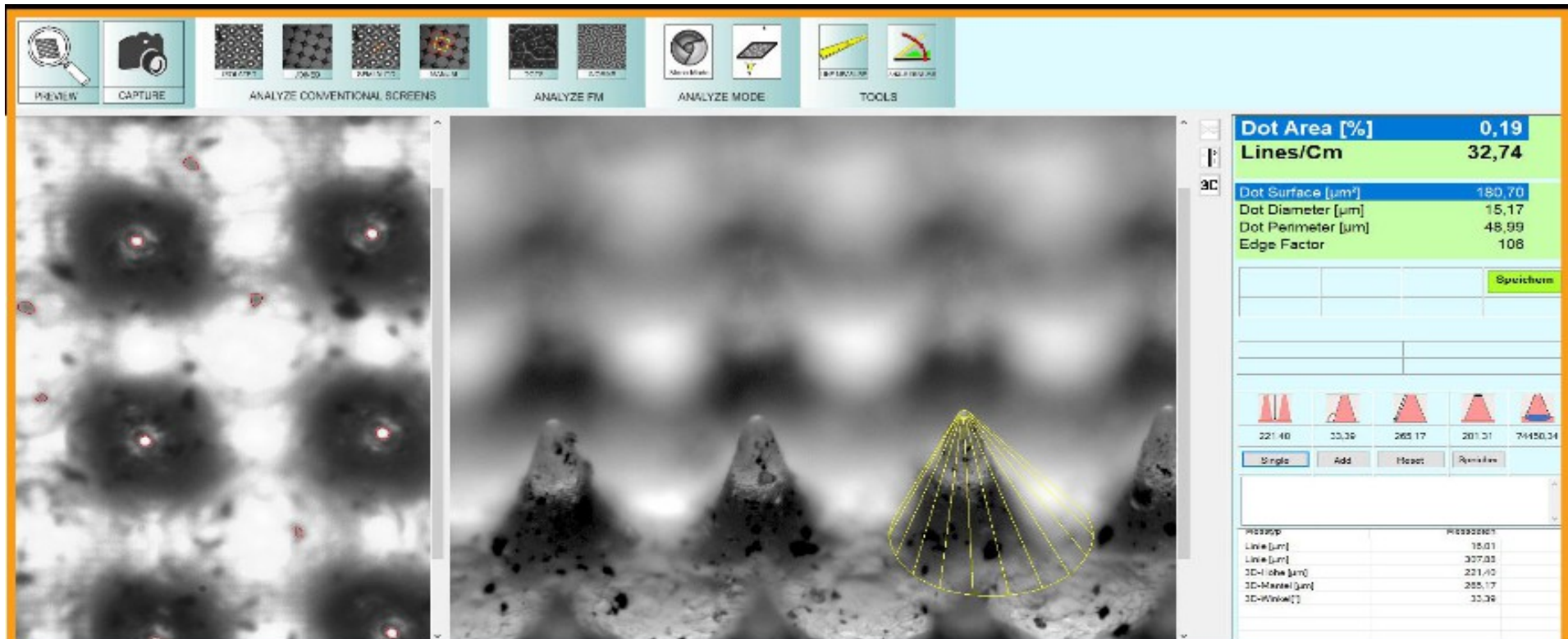
Table top version incl. light table

3D image quality control

- > due to top perfect resolution and sharpness
- > Individual control of light and sharpness
- > Scan of the complete 3D image area

Sibress

FlexoControl3D⁺



3D

visualisation and measurement functions of:

- > Relief depth, length and angle of the shoulder, floor area of the dot
- > Multi measurement of the dot with constant result adjustment
- > All results can be stored and named with individual comments
- > All images can be saved, including graphics, also single dot measurement is possible

Sibress

FlexoControl3D⁺

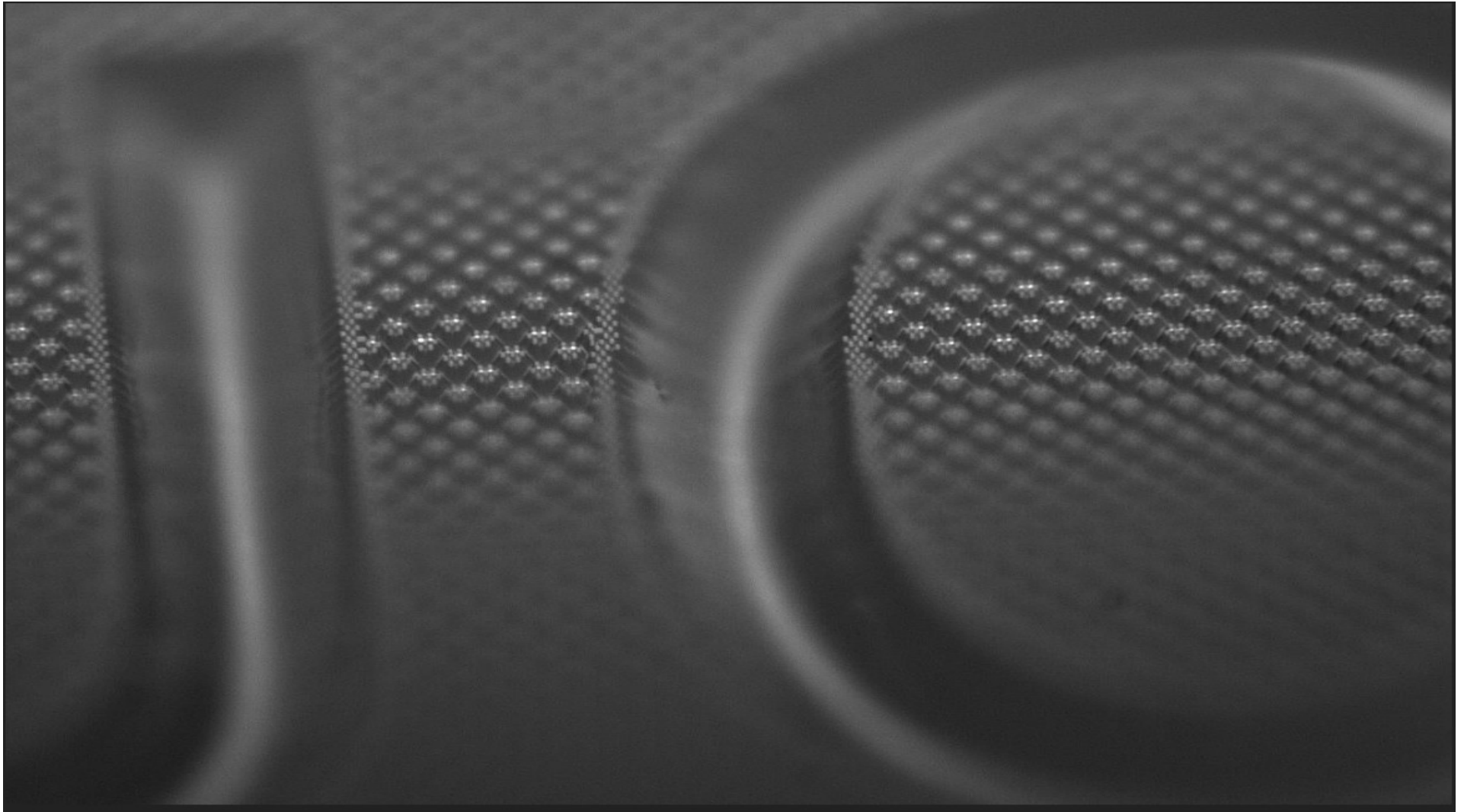
Technical details

Functions	Measurement	Plate Type
Dot area %	Flexo Plates	AM, FM, HD
Dot size (dot diameter)/µm/mil	Masked Material, film	Measurement Technology
Screen ruling (lines/cm or lines/inch), Line Width, Angle	Side view	Sensor: 1,3MB
Color, with C-M-Y-K separation	Conventional flexoplates	Area to be analysed ~2mm ² for top camera
Statistics, Graphics, Data Comparison	Rubber plates, except black	Screen Ruling: 30-85L/cm; 76-216 Lpi
Simultaneous view from top and side	metal back plates, partial	Repeatability: +/- 0,5%
Optical system	Calibration	Optional
Full scan of the entire 3D image,	2D and 3D in X-Y-Z	ISO Calibration target/ USB Lightbox
PMAG >4x, resolution > 288L/mm		Stationary Lightbox where the instrument is guided
Individual image contrast and brightness control		

Sibress

FlexoControl3D⁺

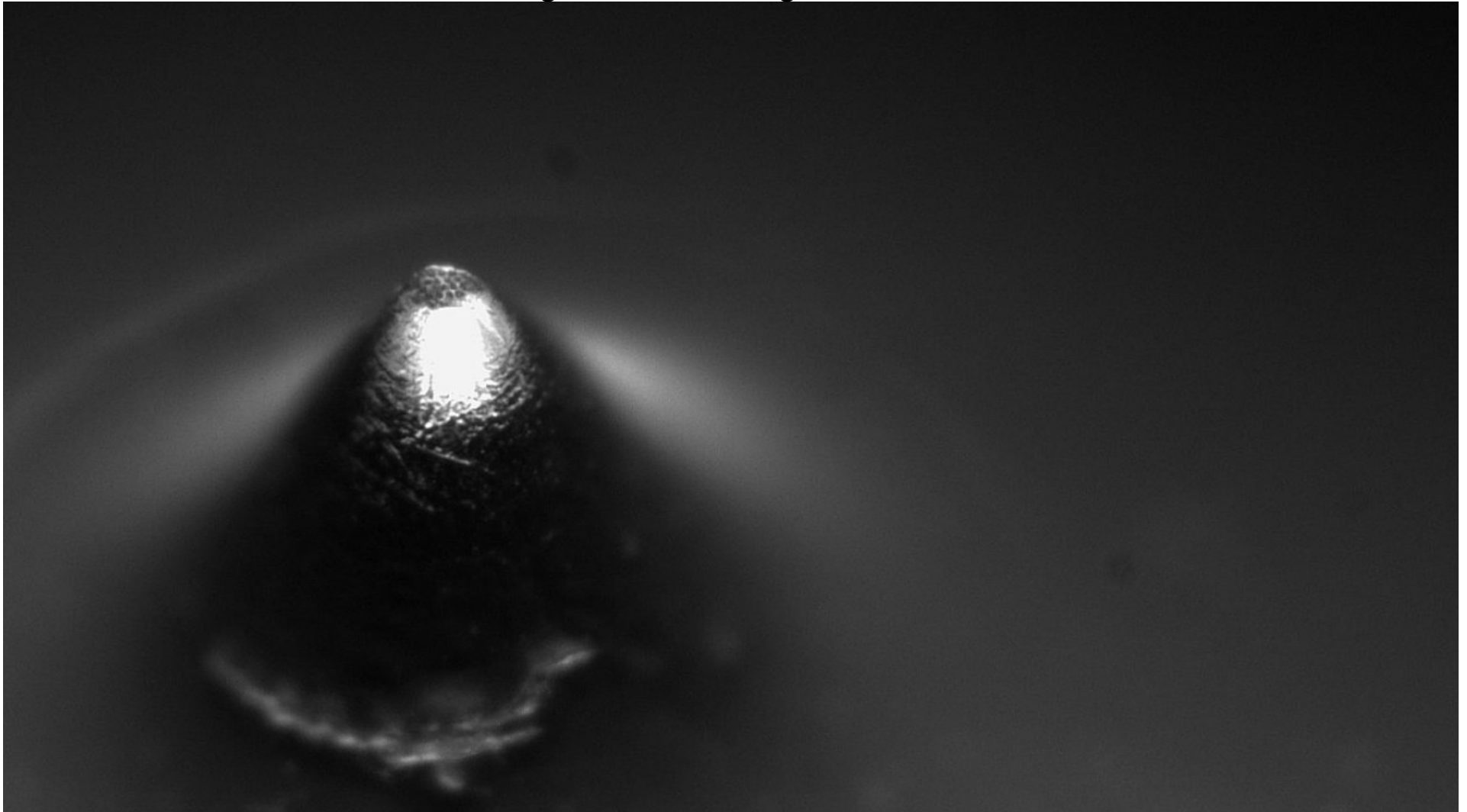
KODAK plate sideview



Sibress

FlexoControl3D⁺

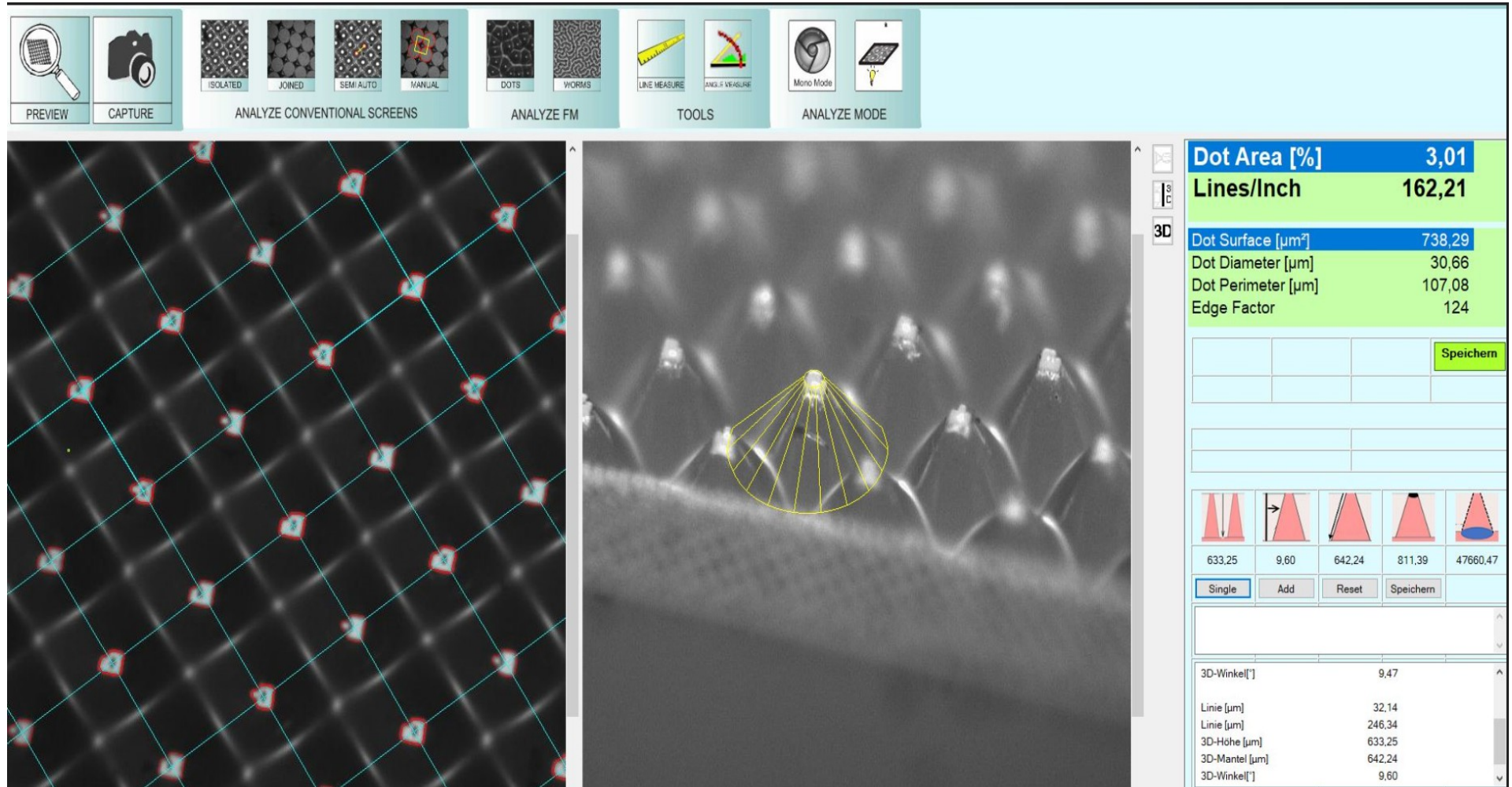
Single Dot showing dot surface



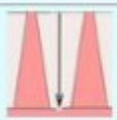
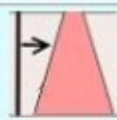
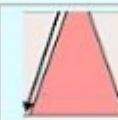
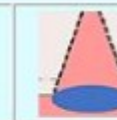
Sibress

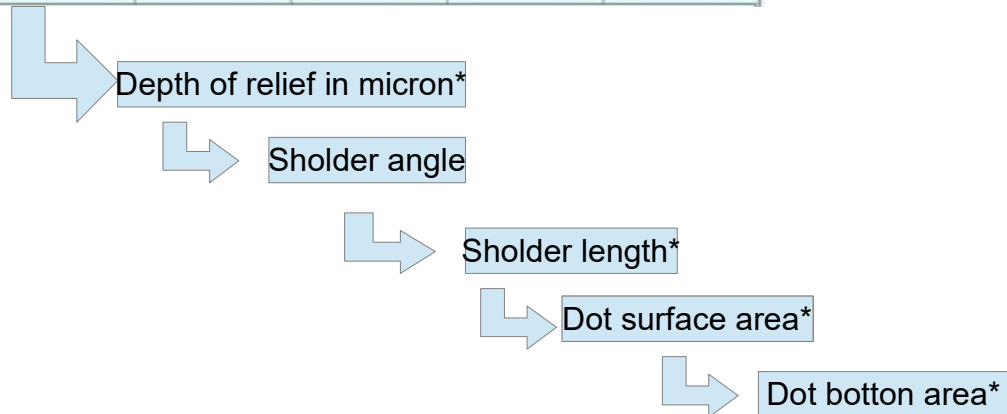
FlexoControl3D⁺

Top and sideview shown in parallel



Details of information

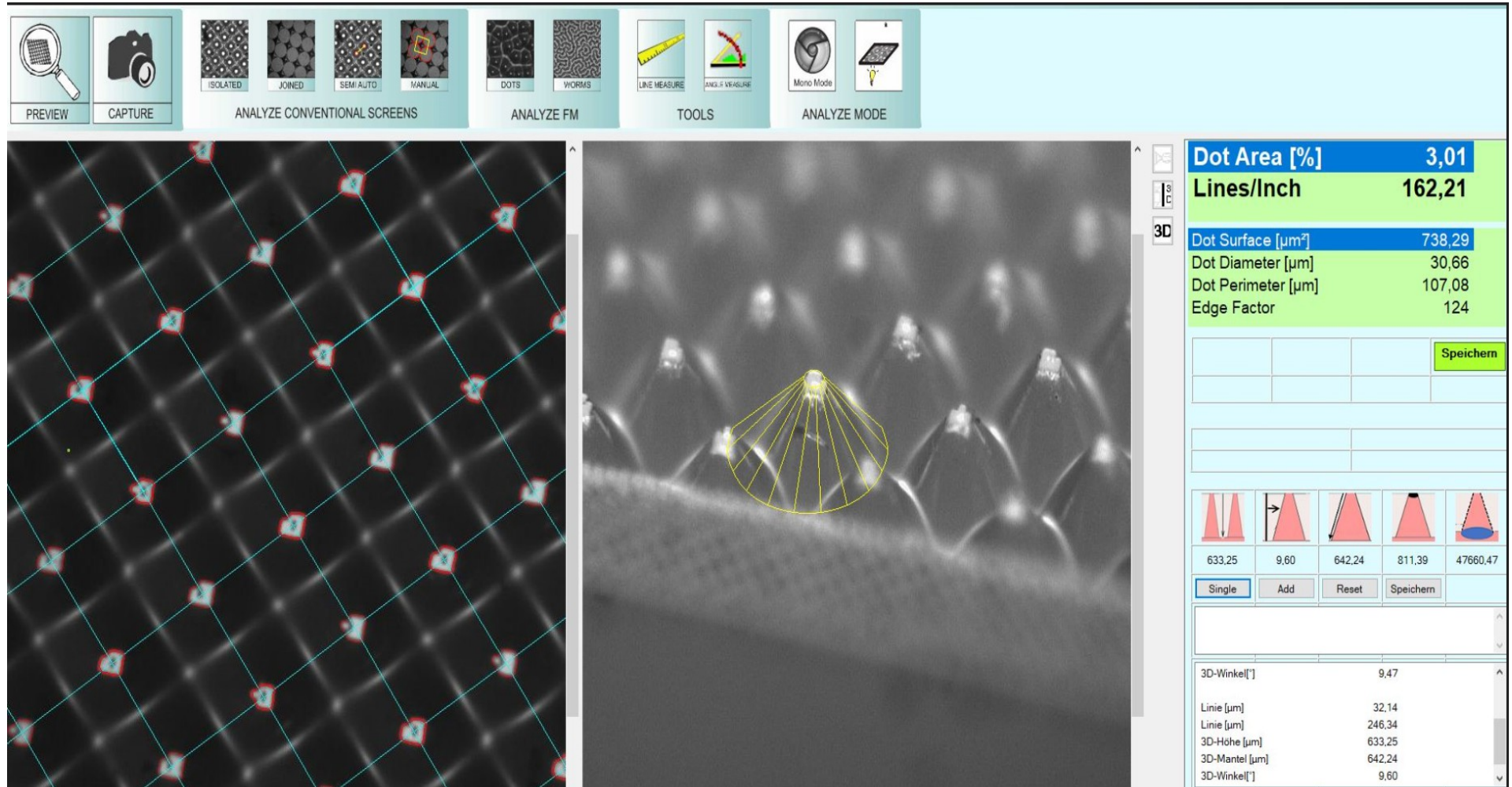
				
633,25	9,60	642,24	811,39	47660,47
Single	Add	Reset	Speichern	



Sibress

FlexoControl3D⁺

Top and sideview shown in parallel



Sibress

FlexoControl3D⁺

Mask measurement

PREVIEW
 CAPTURE

ISOLATED
 JOINED
 SEMI AUTO
 MANUAL

DOTS
 WORMS

LINE MEASURE
 ANGLE MEASURE

Mono Mode

ANALYZE CONVENTIONAL SCREENS
 ANALYZE FM
 TOOLS
 ANALYZE MODE

2D

3D

Dot Area [%]	25,16
Lines/Inch	107,93
Dot Surface [μm^2]	13932,48
Dot Diameter [μm]	133,19
Dot Perimeter [μm]	446,06
Edge Factor	114

Speichern

633,25
 9,60
 642,24
 811,39
 47660,47

Single

Add

Reset

Speichern

3D-Winkel[°]

9,47

Linie [μm]

32,14

Linie [μm]

246,34

3D-Höhe [μm]

633,25

3D-Mantel [μm]

642,24

3D-Winkel[°]

9,60

Progress Bar

100 %

Winkel [°]

Länge [μm]

Dotfläche [μm^2]

Durchmesser [μm]

Umfang [μm]

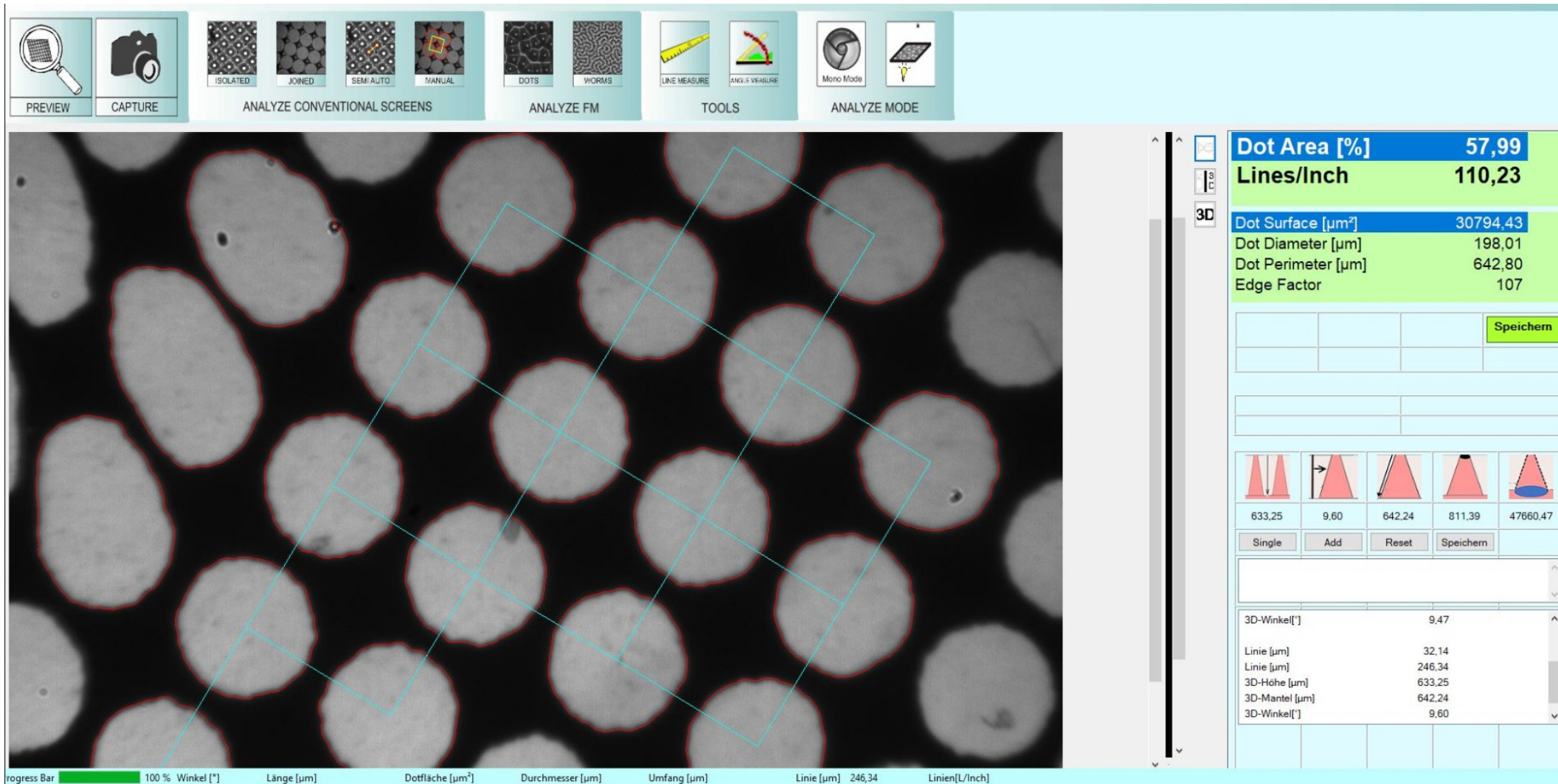
Linie [μm]

246,34

Linien[L/Inch]

Sibress

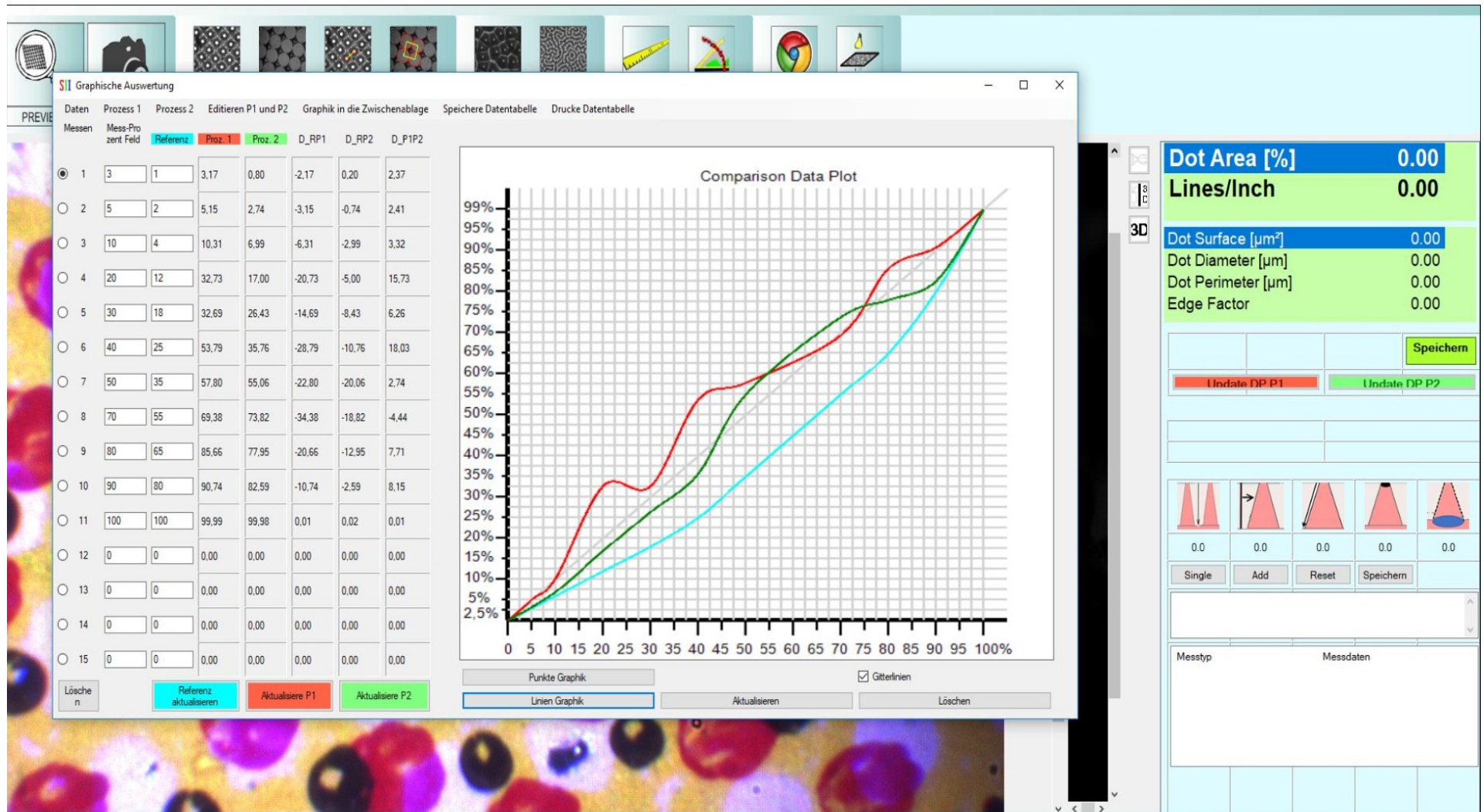
FlexoControl3D⁺



Sibress

FlexoControl3D⁺

Chart to compare materials, i.e. mask/ plate or two materials



Sibress

FlexoControl3D⁺

- C M Y K separation, showing Cyan % of print area

