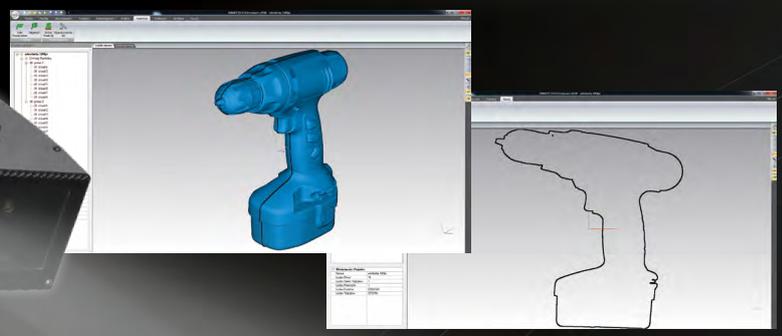


New!
3D scanner

MICRON3D

color 10Mpix

High-resolution, ultra-precise 3D scanner certified according to VDI/VDE standards.



Perfect measuring machine for industry. New generation of optical CMM.

The new MICRON3D color 10MPix provides resolution of up to 400 points/mm² and acquires texture of the object in each measurement point (X, Y, Z with RGB). User-friendly SMARTTECH3Dmeasure software enables a quick start and guaranties optimal data processing even for non-professionals. Software enables advanced and automated data post-processing such as advanced cloud of points or triangle mesh edition. Due to large amounts of collected data the environment has been designed for seamless work with data exceeding 300 million points, which gives user the freedom to choose a level of detail he wants to work on.



Colour information used in industry gives more control possibilities (cracks visible only on texture)

Technical advantages:

- Highest quality components
- German high resolution and sensitive color sensors
- Precise measurement up to 15 µm accuracy
- Full carbon fiber housing



Our Clients:

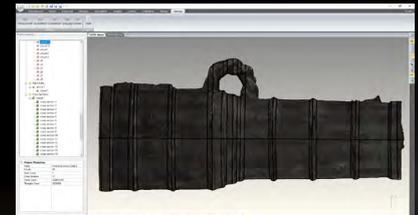


First metrology certified 3D digitizer giving accurate information about shape and color of measured object.

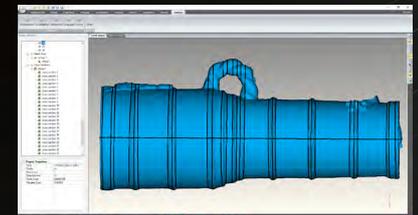


Integration with optional automatic shadeless system ensures realistic texture.

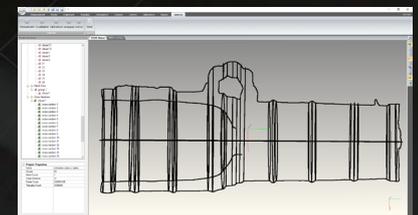
Metrologically reliable digitiser with ability to measure shape and color of objects. MICRON3D color 10Mpix has ability to scan dark and shiny surfaces. The result of scanning is a color model with texture (cloud of points X,Y,Z with RGB).



Results as cloud of points



Virtual cross-sections



Scanned object:
XV century cannon. Courtesy of Castle Museum in Malbork, Poland

Technical specification	5 Mpix				10 Mpix			
	White LED structured light				White LED structured light			
Scanning technology								
Measuring field [mm ²]	150 x 200	200 x 300	300 x 400	400 x 600	150 x 200	200 x 300	300 x 400	400 x 600
Distance between points [mm]	0,078	0,117	0,156	0,234	0,052	0,078	0,104	0,156
Sampling [points/mm ²]	164	73	41	18	369	164	92	41
Accuracy [µm]	15	40	60	80	15	40	60	80

Optional accessories:



Easy & fast change of measurement volume with exchangeable lenses



Automated rotary stages:
- max load 15kg, 200mm diameter
- max load 60kg, 500mm diameter
- max load 300kg, 500mm diameter



Automatic Shadeless Lighting System



Waterproof transportation case

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