



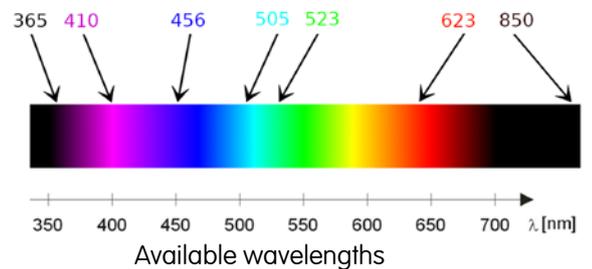
UniScope

MOTORIZED 3D SCANNING SYSTEM WITH MULTISPECTRAL ILLUMINATION



UniScope is a versatile system suitable for forensic examination of:

- **Handwriting** – RGB imaging, imaging with oblique illumination, imaging with IR illumination.
- **Fingerprints** – Direct imaging of fingerprints on object surfaces, treated with fluorescent powders and dyes or lifted with foils.
- **Documents** – RGB Imaging, UV fluorescence.
- **Large objects** – It is possible to capture e.g.: documents in binders, large cans with fingerprints and others.
- **Toolmarks** – 3D imaging of toolmarks.

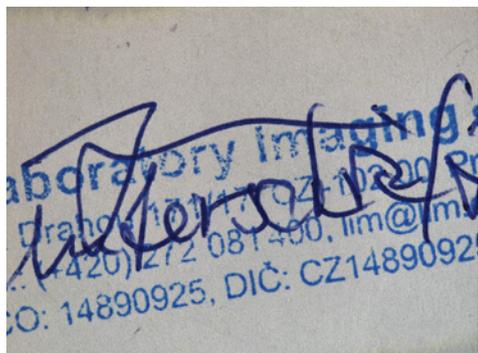


SPECIFICATION

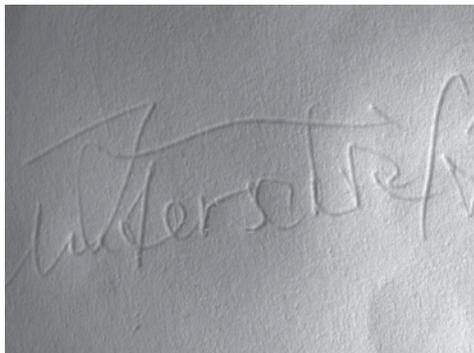
Camera	Sensor Type	20 MP CMOS
	Sensor Diagonal	35 mm
	Pixel size	6.4 μ m
Minimal Resolution	900 PPI	FOV: 143 x 107 mm
Maximal Resolution	3800 PPI	FOV: 34 x 25 mm
Illumination	Light Source	8 segment multispectral LED ringlight
	Wavelengths	365, 410, 456, 505, 523, 623, 850 nm + white
Accessories	Separate motorized camera and illumination Z drives	

SYSTEM HIGHLIGHTS

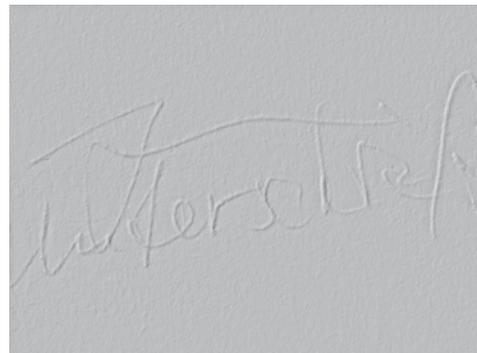
- Multi-spectral and multi-directional illumination with RGB and 3D capturing modes.
- High-performance LED lighting allows for short exposure times and fast camera live image.
- Two independent Z drives for quick focusing and illumination adjustment.
- Joystick with buttons for quick access to often used functions.
- Straightforward software interface for routine work, image documentation, and comparison
- Wide range of image processing/enhancement tools and comparison modes.
- Optimized image management, easy swapping of images within comparison, a dedicated file format for exporting/sharing of entire comparisons.
- Integrated image browser with larger thumbnails than in Windows Explorer.



Signature in color (true RGB)



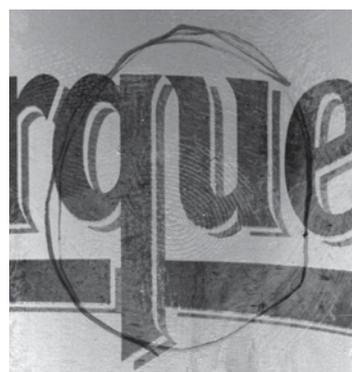
Signature in oblique infrared light



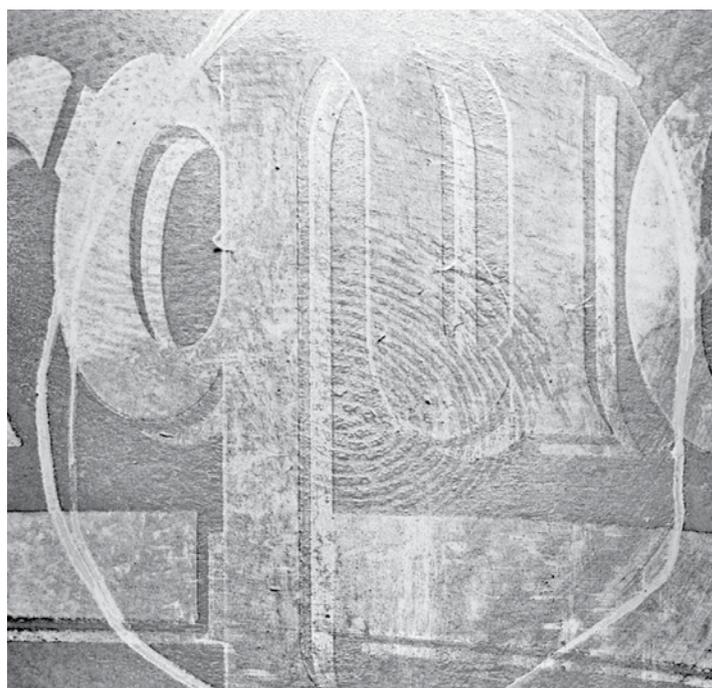
Signature in 3D



Fingerprint on a can in RGB



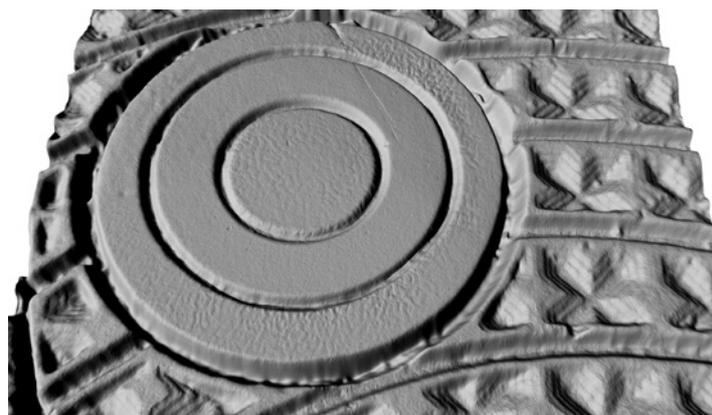
Oblique green illumination



Subtraction of top and oblique illumination



Fingerprint in plasticine in 3D



Shoe sole in 3D