

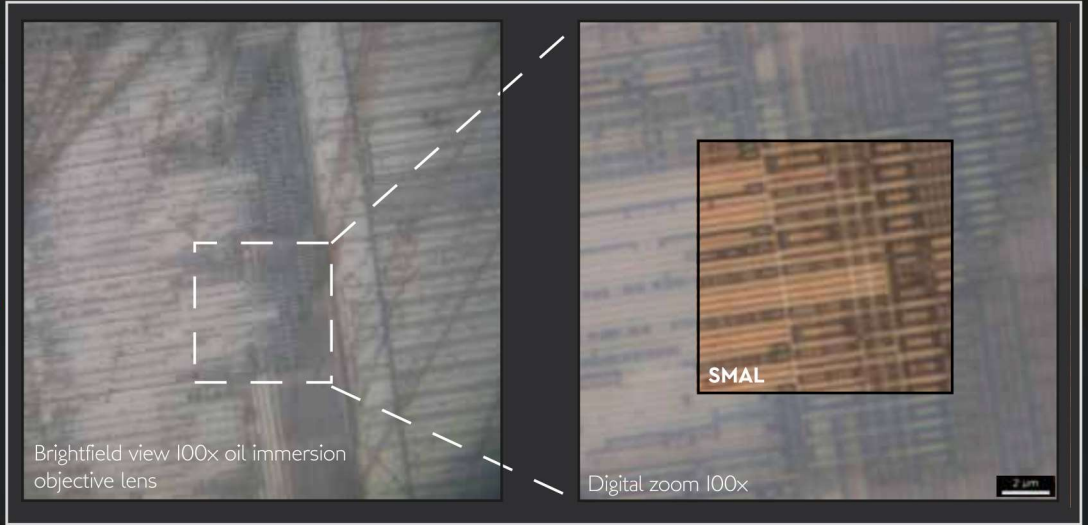
NANOPSIS

A new way of seeing.

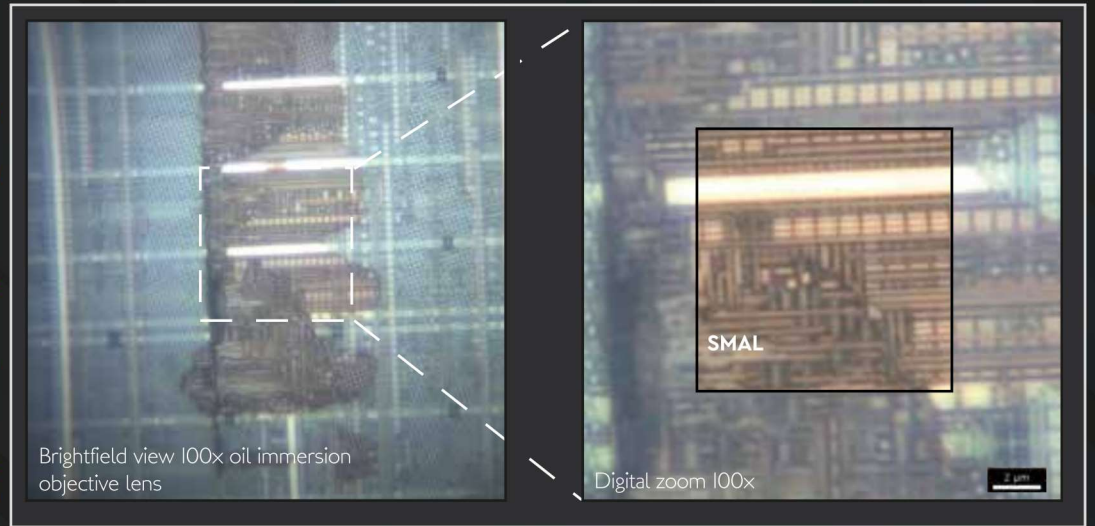
The NANOPSIS M is the world's most powerful bright-field microscope, capable of resolving features with a 50 nm lateral resolution in full colour without damaging your sample.

To build the next generation of microelectronics you need to see your samples in as many ways as possible - with the NANOPSIS M you can see more than ever before.

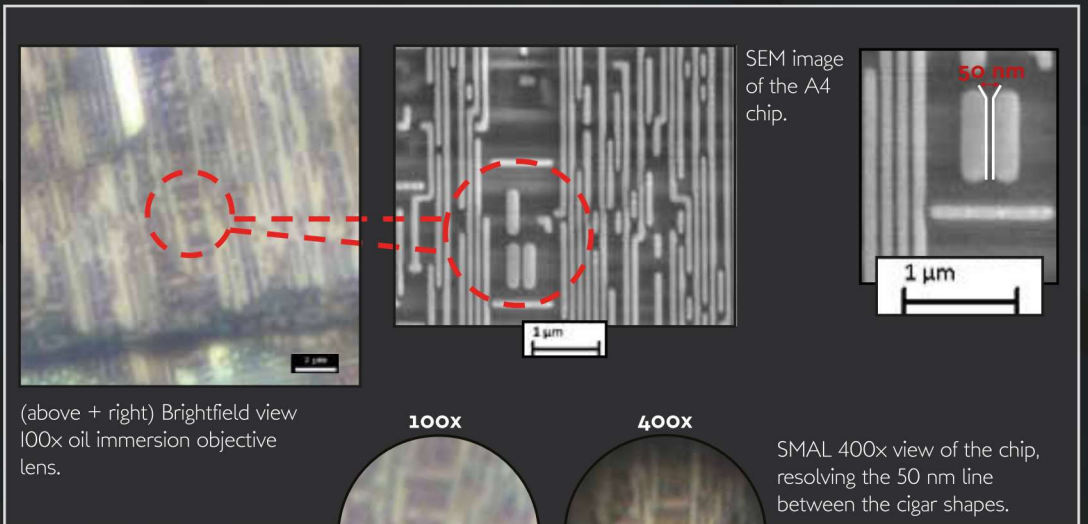
Intel Core i3 Processor



Apple A4 chip imaging



50 nm Lateral Resolution



NANOPSIS M Materials Nanoscope Specifications:

NANOPSIS M – Materials Nanoscope with SMAL:

Country of origin: UK
425 x 355 x 530 mm
30kg

SMAL x400 objective lens:

Super-Resolution Microsphere Amplifying Lens
Resolving limit of 50 – 90 nm sample dependant
Working distance 1-2 μ m

Nano-precision 200 – 200 μ m travel XYZ stage with controller + software stitching with distortion correction:

Active axes: X, Y, Z
Travel range (μ m) : 200 x 200 x 200
Resolution (nm) : <1
Maximum load (kg) : 0.5

Manual sample exploration stage:

Travel Range (mm) : 13

8.8MP CMOS Camera:

Resolution: 4096 x 2160
Frame rate: 21 FPS
Dynamic range (dB): 64.49
Exposure range: 0.021 ms to 1 second
Interface: USB 3.1 Gen 1

Illumination:

Colour: neutral white LED



Work With Us

Book A Demo

We know that seeing is believing. Contact us to arrange a demonstration of SMAL technology and the NANOPSIS M. Depending on where you are we can show you the nanoscope in our Manchester labs, or we can demo our technology over Skype.

Request Free Imaging

We are happy to discuss the free imaging of your samples, if you have an imaging need that you think we can solve we will work with you. What would you like to see? Contact us to discuss your imaging needs and we can arrange to do preliminary imaging of your samples.

Request A Quote

Email us at see-more@nanopsis.com to receive a quote for the NANOPSIS M materials nanoscope.

email: see-more@nanopsis.com