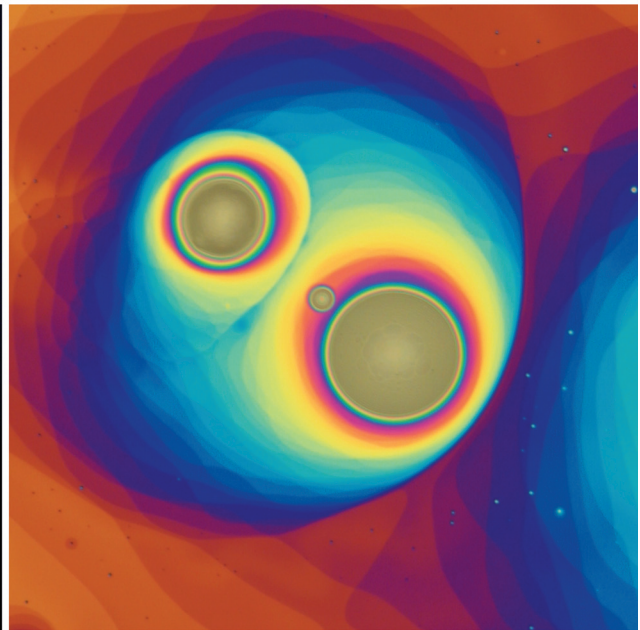
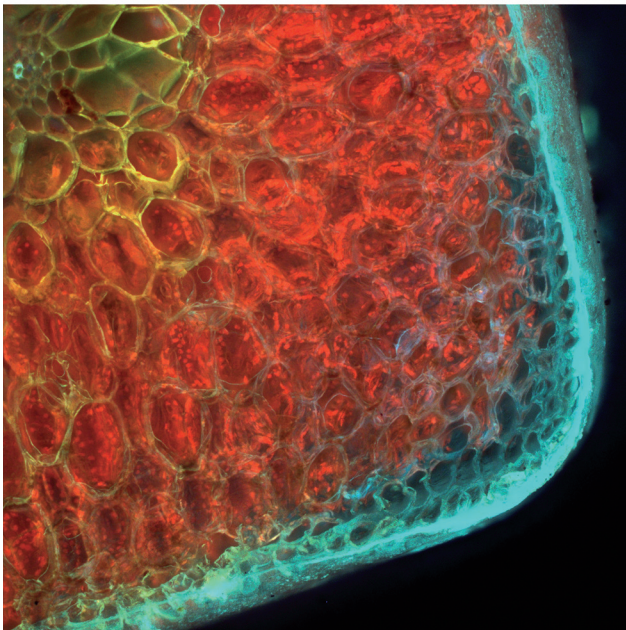
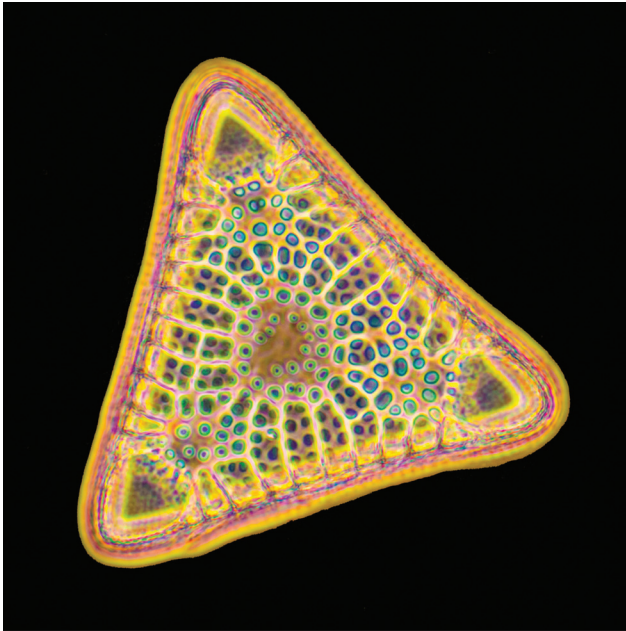


Microscopy TODAY

Volume 28 Number 5 2020 September



Size without Compromise

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Hitachi's SU3900 Variable-Pressure SEM features an extra-large chamber to accommodate a multitude of analytical applications: EDS, EBSD, micro XRF, in situ, heating, cooling, tensile testing, and more. Equipped with 20 ports and a robust stage, the SU3900 can handle it all! Whether your sample is large, small, heavy, magnetic, or non-conductive, the SU3900 is the instrument for your lab.

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Ultra-Wide NaviCam FOV

Covering full observation sample area (200 mm Φ)

Intelligent Filament Technology

Auto optimization for improved filament performance and lifetime

Fully Integrated High-Quality EDS Capability

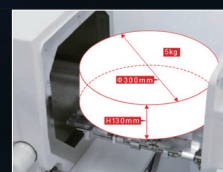
Seamless SEM and EDS operation from a single GUI



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Sample: Pure Titanium
Accelerating Voltage: 5 kV
Magnification: 800x



Extra-large chamber for max. 300 mm ϕ , 130 mm tall, and 5 kg sample

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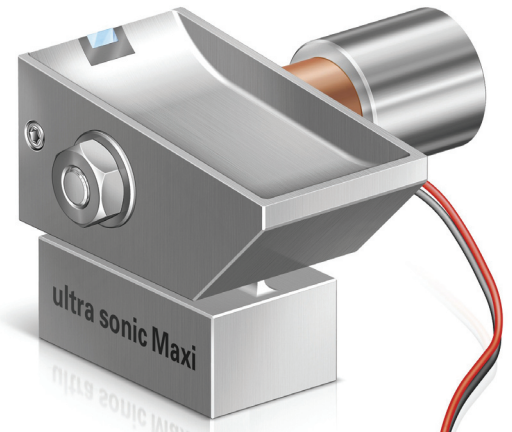
NEW ultra Maxi

The ultra Maxi is similar to our ultra 35°
4.0 mm but with a larger boat.
Thickness range: 30-200nm

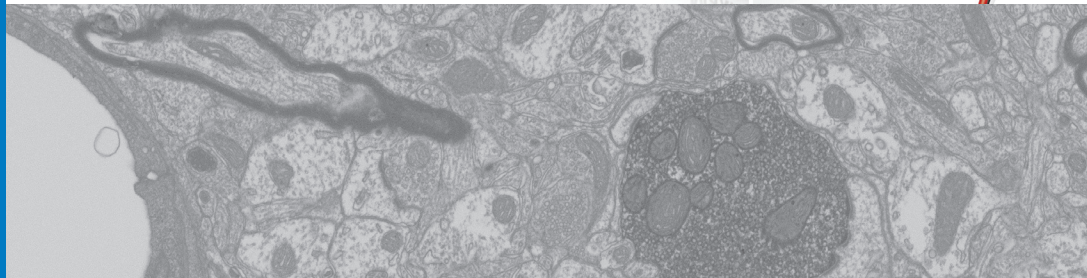


NEW ultra sonic Maxi

The ultra sonic Maxi is a new wider
ultra sonic knife specifically for
compression-free serial sectioning
in biological applications. The knife
comes in 3.0mm and 4.0mm sizes
with 35° angle.

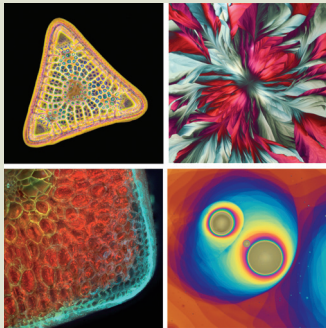


Biocytin-labeled giant bouton from the auditory cortex of a
Mongolian gerbil acquired with a scanning electron microscope.
Saldeitis et al., 2019 Eur. J. Neurosci. Vol.50-9:3445-3453.



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