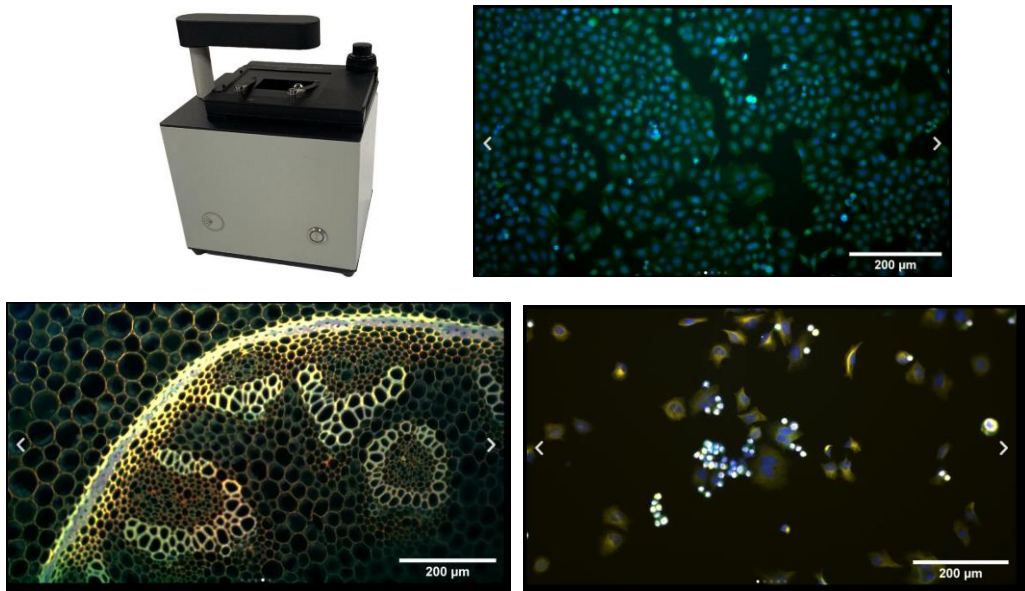


OPTOFIL

MicroFluor – Inverted Fluorescence Microscope



Optics	Blue, green, orange & red fluorescence; brightfield
Filter Set	Semrock Dapi/FITC/Cy3/Cy5 Quad LED HC Filter Set (https://ahf.de/en/products/spectral-analysis-photonic/optical-filters/filter-sets/filter-sets-epi-fluorescence/multiband-sets/led-sets/quad-pentaband/dapi-fitc-cy3-cy5-quad-led-hc-filter-set/F66-413)
Microscope Objective	Nikon CFI Plan Achrom 20X (https://www.microscope.healthcare.nikon.com/products/optics/selector/comparison/-1696)
Camera	8 Mp Monochrome CMOS sensor (Basler camera daA3840-45um), enabling saving data with 8 bit or 12 bit Bit depths) (https://www.baslerweb.com/en/shop/daa3840-45um-s-mount/#tab=specs)
Field of View	0.99 mm x 0.56 mm (20x objective)
Stage	Manual translation stage
Resolution	3840x2160
Image Formats	JPG, TIF, or PNG
Dimensions	L: 24 cm, W: 20 cm, H: 33 cm (Approximate)
Weight	7.0 kg (Approximate)
Software	Custom MicroFluor software that allows for time-lapse and z-stack recording. Requires an external PC.
Device Input	12V DC 500mA