

Nikon A1R Confocal Microscope

This is an inverted microscope optimized for live cell imaging with environmental chamber that can control temperature, humidity, and CO₂ for successful long-term live cell imaging. Possible to image from glass bottom dishes, plates, whole fish etc

- ❖ 4 detectors with 405, 440, 456, 478, 488, 514, 561, and 641 lasers
- ❖ Resonance scanner for fast frame rates
- ❖ Dedicated spectral detectors for spectral imaging for up to 2.5 nm spectral resolution
- ❖ OPAL multiplex imaging up to 7 colors
- ❖ Virtual filter for tuning for any emission detection range
- ❖ FRET and FRAP imaging
- ❖ Large image scan
- ❖ Ultrafast solution changing perfusion system capable of extremely low solution usage

