

## Which device will best serve the needs of your experiment?

Device	Live-cell environmental chamber?	Approximate sample penetration depth (micrometers)	Blur minimization mechanism	Unique modalities
Nikon AZ 100 Macroscope	no	1,000 +	none	8x zoom
Nikon Eclipse 90i	no	1,000 +	none	-
Applied Precision DeltaVision	YES	400	deconvolution	image deconvolution
Andor Spinning Disk	YES	200	spinning-disk confocality	FRAPPA, TIRF, FRET
Nikon C2+	no	200 – 300	laser-scanning confocality	-
Nikon A1R	YES	400 – 600	laser-scanning confocality	FRET
Nikon A1R-MP	YES	600 - 800	multiphoton excitation	infrared-laser-induced multiphoton excitation

## Off-line Image Processing Station with AutoQuant Deconvolution Software (Bright-field and Confocal)

*...because you should deconvolve everything!*