

Designation	Spinning-disk/TIRF FRAP microscope
Manufacturer	Nikon - GATACA
Model	Ti-Eclipse - Modular IIs-2
Specifications	Spinning mode or TIRF with FRAP in these modes equipped with environmental control (37°C and CO ₂) and a hardware-based focus maintaining system (AFS)
Objectives	10X Dry (PH), 20X dry, 40X oil, 60X/1.47 oil, 100X/1.47 oil
Diodes Laser	405 nm, 488 nm, 561 nm, 642 nm
Stage	Motorized stage X, Y and Z + galvanométric Z-stage for precise and fast z-stack acquisitions
LED	Lumencor illumination by 4 LED (for DAPI, GFP, mCherry, Cy5)
Software	Microscope controlled by Metamorph software
Applications	Fixed or live samples with a thickness up to 100 μm
Acquisition Modes	Widefield, confocal or TIRF in fluorescence and in transmission on fixed and lived samples