

Designation	Inverted CLSM
Manufacturer	Leica
Model	DMI6000 TCS SP8
Objectives	10X/0.4 dry, 16x/0.6 IMM CORR, 25X/0.95 W, 40X/1.25 GLY CORR, 63X/1.30 GLY CORR
Laser	405 nm, 440nm, Argon (458, 476, 488, 496, 514 nm) + white laser
Stage	Motorized stage X, Y and Z + galvanométric Z-stage for precise and fast z-stack acquisitions
Scanner Tandem	1 standard scanner (10 Hz to 1800 Hz) + 1 resonant scanner (8000 Hz)
Detectors	4 internal PMT which 1 hybrid detectors, 2 PMT NDD, 1 PMT trans
Applications	Acquisitions on cultured cells or thick tissues, fixed or alive, in fluorescence, in confocal mode (up to 100 µm of thickness) or in 2-photon mode (> 100 µm) Acquisitions on material (in reflection mode)
Acquisition Modes	Confocal acquisitions in transmission (brightfield), fluorescence (colocalisation, 3D reconstruction) 2-photon mode Spectral acquisition (at excitation and emission) Acquisition in reflection Acquisition of mosaics of images 2D or 3D
General Informations	Coherent Chameleon Ultra: tunable between 680 and 1080 nm