

Designation	Videomicroscope
Manufacturer	Leica
Model	DMI6000B
Specifications	Inverted Leica DMI6000 stand, equipped with environmental control (37°C and CO <sub>2</sub> ) and a hardware-based focus maintaining system (AFS)
Objectives	10x/0.32 dry (phase contrast), 20x/0.4 dry (phase contrast), 40x/0.6 dry (phase contrast), 63x/1.4 oil (DIC), 100x/1.4 oil (DIC)
Excitation	Dual excitation : Metal halide (EL-6000) or LED (Lumencor)
Motrized filter wheels	simples: FITC/TRITC; doubles: GFP/mCherry, CFP/YFP; analyser
Stage	Motorized stage in XYZ and galvanometric stage for fast and precise z-stack acquisitions
Camera	Fast acquisition, highly sensitive Evolve camera by Photometrics
Software	Microscope controled by MetaMorph software
Applications	Fixed or live samples with a thickness up to 50 µm
Acquisition Modes	Widefield in fluorescence and in transmission on fixed and live samples