



GIGA Cell Imaging Platform Liège University

Confocal Microscope Zeiss LSM980 Airyscan 2 (B34 4/56B)

Description	
<ul style="list-style-type: none"> • Inverted confocal microscope with spectral detection & unmixing. • Combine with an epifluorescence microscope. • Incubation chamber for temperature, CO₂ and humidity 	
Applications	
<ul style="list-style-type: none"> • Confocal • Epifluorescence microscopy • Time Lapse, 3D, Tiles scan • Spectral Live imaging • High Resolution (Airyscan, Multiplex Airyscan 4 & 8) • Sample Finder 	

Objectifs	Numerical Aperture	Immersion type	Work Distance
Sample Finder	N.A	Dry	N.A
5x	0.16	Dry	18.5 mm
20x	0.8	Dry	2 mm
40x	1.1	Water	0.62 mm
63x	1.4	Oil	0.10 mm

Light source	Wavelength
LED Colibri	405,488,561,639 nm
Laser diode	405,488,561,639 nm

Other accessories
Motorized Platine XYZ with Large Z piezo (500µm) Define Focus System Incubator : 26° to 42°C Axiocam 506 Mono Sample holder : Slides, 96 wells, 35mm Petri Dish