

Zeiss LSM 900 Upright Confocal

Specification	
Lasers	Diode : 405nm (5mW); 488nm (10mW); 561nm (10mW), 640 nm (5mW)
Microscope	
Stand	Upright: - Axio Imager.Z2
XY stage	Motorized scanning stage
Filter cubes for observation	Solid-State Light Source Colibri 5, Filter set 90 HE LED(E), Excitation 385nm, 475nm, 555nm, 630nm, Emission filter QBP 425/30+514/30+592/30+709/100
Objectives	2.5X0.085 ; 10x 0.45 Ph1; 20x 0.8 Ph2; 10x/0.3 DIC (water); 40x/1.0 DIC (water)
Scan Module	
Scan mode	xy, xyz, xz
Scan speed	At 512 × 512 pixels: confocal – up to 8 fps
Detector	2 MA-PMTs; 1 transmitted light T-PMT
Software	Windows 10, ZEN 3.5 (BLUE version)
Application	DIC/Phase contrast imaging; Spot/line scan; XY 2D imaging; Multi-spectrum fluorescent imaging; Z-stack 3D imaging, Sample navigation, Tiles Scan; Multi-position; Colocalization