

## Zeiss LSM 900 Inverted Confocal

Specification	
Lasers	Diode : 405nm (5mW); 488nm (10mW); 561nm (10mW), 640 nm (5mW)
Microscope	
Stand	Inverted: Axio Observer 7
XY stage	Motorized scanning stage
Filter cubes for observation	DAPI; FITC; TRITC; TEXAS Red; Cy5
Objectives	10x 0.45 Ph1; 40x 1.4 Oil DIC; 63x 1.4 Oil DIC;
Scan Module	
Scan mode	xy, xyz, xz
Scan speed	At 512 × 512 pixels: confocal – up to 8 fps
Detector	2 MA-PMTs
Software	Windows 10, ZEN 3.5 (BLUE version)
Application	Spot/line Scan; XY 2D imaging; Multi-spectrum fluorescent imaging; Z-stack 3D imaging; Tiles Scan; Multi-position; Colocalization