

Specifications

Leica SP8 Confocal microscope

STAND

Leica DMI 6000 Inverted microscope with fully motorized stage, objective nosepiece and fluorescence filter cube change,

OBJECTIVES

- HC PL APO CS 10x/0,30 dry
- HC PL APO CS2 40x/1,3 oil
- HC PL APO CS2 63x/1,4 oil

EXCITATION

- 405nm UV laser 50mW
- 488nm Blue laser 20mW
- 552nm Green Laser 20mW
- 638nm Red Laser 30mW

DETECTION

- Spectral Confocal Module based on prism with high sensitivity multiband detection system.
- LIACHroic beamsplitters
- Two confocal detection channels for reflection and fluorescence with tunable band-width and central wavelength in continuous and independent form for each channel.
- One detection channel for transmitted light. (DIC)
- Maximum scanning resolution of 8192x 8192 pixels with a dynamic range of 12 bits per channel.
- Maximum scanning speed of 7 frames per second, 512X512.
- Scanfield max: 21,2 mm diagonal..

STAGE / INCUBATION

- Automated x,y,z stage. No incubation

SOFTWARE

- LAS X aquisition

