

Specifications

Leica Stellaris 8 DIVE/CRS

STAND

Leica DMi8 CS Inverted microscope with fully motorized objective nosepiece and fluorescence filter cube change.

OBJECTIVES

- HC PL APO 10x/0.40 CS2
- HC PL IRAPO 20/0.75 W
- HC PL IRAPO 40x/1.10 W CORR
- HC PL IRAPO 20/0.75 W

EXCITATION

- 405nm UV laser 50mW
- White Light Laser adjustable 440-790 nm, pulsed
- CRS Laser picoEmerald S incl. EOM
- Light source EL 6000

DETECTION

- Spectral Confocal Module based on prism with high sensitivity multiband detection system.
- AOBS beamsplitters
- 2x Power HyD S.
- 2x Power HyD X
- SRS Detector TLD
- CARS detection

EXTRA FEATURES

- Stellaris Falcon (Fluorescence Lifetime Imaging)
- Stimulated Raman Scattering (SRS)
- Coherent anti-Stokes Raman Scattering (CARS)
- Two-photon imaging
- Second Harmonics

STAGE / INCUBATION

- Automated x,y,z stage.
- SuperZ Galvo Stage
- Okolab incubator Temp and CO2 controlled
- Autofocus Focus with AFC

SOFTWARE

- LAS X acquisition
- FALCON flim imaging

