

Specifications Zeiss LSM 7 MP

STAND

- Zeiss Axio Examiner (upright)

OBJECTIVES

- "Plan Neofluar" 5x/0.16 M27 (WD=18.5mm)
- W "Plan Apochromat" 20x/1.0 DIC (WD=1.8mm), (UV) VIS IR
- W "Plan Apochromat" 40x/1.0 DIC (WD=2.5mm), VIS IR
- "C Achromplan" 32x/0.85 W Corr VIS IR, (WD=1.1mm at D=0.17mm) (D=0 - 0.17mm)

EXCITATION

- 2Photon: 680-1080 nm tunable
- OPO: 1000-1280 nm tunable
- Wide-field fluorescence 3 channels

DETECTION

- External detection module BiG incident light (reflection) 2 channels
- External detection module PMT DC/transmitted 2 channels
- Camera: AxioCam MRm Rev.
(1.4 Mega pixel Pixel size: 6.45 um x 6.45 um)

STAGE / INCUBATION

- Incubator XL S1 DARK (temp controlled)
- Universal mounting frame
- Tiling, z-stack, positions, timelapse in different combinations possible
- Adapted for intra-vital imaging

SOFTWARE

- ZEN black, 3D rendering included



Left Zeiss 7MP

right Zeiss 780 NLO