

Olympus FVMPE-RS Hybrid Multiphoton System

Specification	
Lasers	Coherent Chameleon Vision II (Tuning range 680nm-1080nm)
Microscope	
Stand	Upright: BX63 motorized microscope
XY stage	Scientifica Movable Top Plate, MTP-3500-00
Filter cubes	CFP; GFP; mCherry; Qdot655; Alexa 647
Objectives	10x/0.3; 25xW/1.05; 60xW/1.1
Scan Module	
Scan mode	xy, xyz, xz, xt, xyt
Scanner	Galvanometer Scanner (normal imaging); Resonant Scanner (High Speed Imaging)
Scanning speed	1.1s at 512x512 with Galva scanner; 30fps at 512x512 with Resonant scanner
Detector	4 Non-Descanned PMTs
Software	Windows 7, FV30S-SW, CellSens Dimension – V1 offline
Application	Intravital imaging