

The objectives and the filters for the upright Olympus FV1200

1. Objectives

No.	Name	Mag.	immersion	N. A.	W.D.
1	5x Mplan N	5	None	0.10	20.0
2	10x UMPlanFL N	10	Water	0.30	3.5
3	XLPlan N 25x	25	Water	1.05	2.0

Mag.: Magnification, N. A.: Numerical Aperture, W. D.: Working Distance

2. Filter cubes for the GaAsP detectors for confocal imaging

Name	Excitation Laser (nm)	Ch1	SDM	Ch2
FV12-MHSY	473/559	BA490-540 (GFP etc.)	DM560	BA575-675 (mCherry etc.)
FV12-MHYR	559/635	BA575-620 (mCherry etc.)	DM640	BA655-755 (Cy5 etc.)

3. Filter cubes for the non-descanned detectors for 2-photon imaging

Name	Barrier filter for GaAsP1 and RXD1	SDM	Barrier filter for GaAsP2 and RXD
FV10-MRC/YW	BA460-500	DM505	BA520-560 (Venus etc.)
FV10-MRG/RW	BA495-540	DM570	BA575-630 (mCherry etc.)