

Filter set FLEX

- Reflector turret 6 x motorized ELYRA ACR with 6 filter cube positions
- 4 filter cubes adjusted for super-resolution microscopy, 2 positions for Push & Click

filter cubes with the following major beam splitters (MBS) und emission filters (EF):

Position		MBS	Emission filters
1	push & click	Transmitted light	
2	push & click	TFT 506 + 582 + 659 (HE)	TBP 526 + 601 + 688 (HE)
3	mounted	405/488/561/642	LBF 405/488/561/642
4	mounted	405/488/561/642	BP 420-480 / BP 495-550 / LP 650
5	mounted	405/488/561/642	BP 495-550 / BP 570-620
6	mounted	405/488/561/642	BP 420-480 / LP 655

Filter set FLEX is equipped with dual and triple emission bands and allows for fast sequential two channel acquisition by fast switching of laser lines via AOTF.

Filter set FLEX min

- Reflector turret 6 x motorized ELYRA ACR with 6 filter cube positions
- 4 filter cubes adjusted for super-resolution microscopy, 2 positions for Push & Click

filter cubes with the following major beam splitters (MBS) und emission filters (EF):

Position		MBS	Emission filters
1	push & click	Transmitted light	
2	push & click	TFT 506 + 582 + 659 (HE)	TBP 526 + 601 + 688 (HE)
3	mounted	405/488/561/642	LBF 405/488/561/642
4	mounted	405/488/561/642	BP 420-480 / BP 495-525 / LP 655
5	mounted	405/488/561/642	BP 495-550 / BP 570-620
6	mounted	405/488/561/642	BP 420-480 / LP 655

Filter set FLEX min is equipped with dual and triple emission bands and allows for fast sequential two channel acquisition by fast switching of laser lines via AOTF. The narrow emission band at 495-525 minimizes auto-fluorescence signals.

Filter set PURE

- Reflector turret 6 x motorized ELYRA ACR with 6 filter cube positions
- 4 filter cubes adjusted for super-resolution microscopy, 2 positions for Push & Click

filter cubes with the following major beam splitters (MBS) und emission filters (EF):

Position		MBS	Emission filters
1	push & click	Transmitted light	
2	push & click	TFT 506 + 582 + 659 (HE)	TBP 526 + 601 + 688 (HE)
3	mounted	405/488/561/642	LBF 405/488/561/642
4	mounted	405	BP 420-480 / LP 750
5	mounted	488	BP 495-590
6	mounted	561	LP 570

Filter set PURE is equipped with single emission bands for maximal light efficiency and is especially well suited for one channel imaging.

Filter set QUAD only

- Reflector turret 6 x motorized ELYRA ACR with 6 filter cube positions
- 1 filter cube adjusted for super-resolution microscopy, 5 positions for Push & Click.

filter cubes with the following major beam splitters (MBS) und emission filters (EF):

Position		MBS	Emission filters
1	push & click	Transmitted light	
2	push & click	TFT 506 + 582 + 659 (HE)	TBP 526 + 601 + 688 (HE)
3	mounted	405/488/561/642	LBF 405/488/561/642
4	push & click		
5	push & click		
6	push & click		

Filter set QUAD with one laser block filter is especially suited when combined with Duolink or the manual filter slider (000000-1772-065) of the camera adapter, both providing additional emission filters.