

Spinning Disc SD-I-ABL

Pos.	Objective	DIC	Magnification	Num. Aperture	Imm.-medium	Working Distance (mm)	Internal number	DIC
1	Empty							
2	LD LCI Plan-Apochromat 25x/0.8 DIC Imm Korr DIC M27 420852-9870	II	25	0.8	oil, H ₂ O, gly	0.57	173 WD	173 WD 426947
3	LD-C Apochromat 40x/1.1W Korr UV-VIS-IR 421867-9970	III	40	1.1	H ₂ O	0.62	174 WD	174 WD 426948
4	C-Apochromat 63x/1.2 W M27 421787-9970	III	63	1.2	H ₂ O	0.28	175 WD	175 WD 426946
5	Plan-Apochromat 63x/1.4 Oil DIC M27 420782-9900	III	63	1.4	Oil	0.19	141 LIC	DIC fehlt
6	EC Plan Neofluar 20x/0.5 air 420350-9900	II	20	0.5	air	2.0	155 Ni	DIC fehlt

EC Plan Neofluar 20x/0.5 auf Position 6 ist der Master für Parfokalität !!! An dieser Position nicht tauschen!!!

Additional for exchange:

1	Plan Neofluar 40x/1.3 Oil 440450	III	40	1.3	Oil	0.17	18 Ni
---	-------------------------------------	-----	----	-----	-----	------	-------

Spinning Disc SD-I-ABL

Filter for direct visualization by eye:

Filter Pos.	Filterset	Fluorochrome	Internal number
1	FSet 38 HE Zeiss	GFP	081
2	FSet 43 HE	DsRed, Cy 3	082
3	FSet 49	DAPI	083/fehlt
4	for ablation	FT423/QG475	125
5	empty	-	-
6	DIC	-	084

Filterconfiguration Scanhead of SD-I-ABL

Filterwheel (Left camera)

Position 1: BP 525/50 (for GFP)
Position 2: DBP 527/54 + 645/60 (GFP + red dyes)
Position 3: BP 629/62 (for red emission dyes)
Position 4: DIC
Position 5: closed
Position 6: closed

Filter (Top camera)

BP _____ (for RFP)
used only with dual camera acquisition

Dichroic Filters

Position 1: FT 405/488/561
Position 2: empty
Position 3: empty