

Symphony A5 SE

Laser	Parameter	Detector	Channel	Filter	Filter Range (nm)	Fluorochromes
UV (355nm)	UV809	A	40	809/32	793-825	BUV805
	UV736	B	39	736/64	704-768	BUV737
	UV695	C	38	695/40	675-715	
	UV660	D	37	660/30	645-675	BUV661
	UV610	E	36	610/30	595-615	BUV615
	UV585	F	35	585/30	570-600	BUV563
	UV540	G	34	540/20	520-560	
	UV515	H	33	515/60	485-545	BUV496, Indo-1
	UV446	I	32	446.5/67	413-480	DAPI, Live/Dead, Alexa350
	UV379	J	31	379/34	362-396	BUV395
Violet (402nm)	V845	A	28	845/70	810-880	
	V785	B	27	785/50	760-810	BV786
	V750	C	26	750/40	730-770	BV750
	V710	D	25	710/40	690-730	BV711, Qdot705
	V680	E	24	680/30	665-695	
	V660	F	23	660/30	645-675	BV650, Qdot655
	V615	G	22	615/25	602.5-627.5	BV605, Qdot605
	V595	H	21	595/30	580-610	BV570, Qdot570
	V576	I	20	576/20	566-586	Zombie Yellow
	V540	J	19	540/20	530-550	BV510, Alexa430
	V510	K	18	510/40	490-530	BV480, V500, VioGreen, AmCyan
	V470	L	17	470/15	462.5-477.5	
	V450	M	30	450/40	430-470	BV421, Pacific Blue, Styox Blue
	V427	N	29	427/25	414.5-439.5	Alexa 405, Zombie Violet
Blue (488nm)	B810	A	10	810/79	770.5-849.5	
	B750	B	9	750/60	720-780	
	B710	C	8	710/50	685-735	PerCP-eF710, PerCP, PerCP-Cy5.5
	B675	D	7	675/20	665-685	NovaBlue 660_120S,
	B660	E	6	660/30	645-675	NovaBlue 610_70S, NovaBlue 610_30S, NovaBlue585
	B602	F	5	602/40	582-622	
	B576	G	4	576/20	566-586	mHoneydew
	B537	H	3	537/32	521-553	NovaBlue555, NovaBlue530, Alexa532
	B510	I	2	510/20	500-520	FITC, GFP, NovaBlue510, CSFE, ZsGreen, Alexa488
	SSC	J	1	488/10	483-493	
Yellow-Green (561nm)	YG825	A	49	825.5/49	801-850	
	YG780	B	48	780/60	750-810	PE-Cy7
	YG750	C	47	750/40	730-770	
	YG730	D	46	730/50	705-755	NovaYellow700, PE-Alexa700
	YG695	E	45	695/40	675-715	PE-Cy5.5
	YG670	F	44	670/20	660-680	PE-Cy5
	YG660	G	43	660/30	645-675	NovaYellow660, 7-AAD
	YG602	H	42	602/40	582-622	AlexaYG584, mCherry, RFP, PE-TR PE-CF602
	YG585	I	41	585/30	570-600	PE, mOrange, Styox Orange, tdTomato
Red (640nm)	R780	A	16	780/60	750-810	APC-Cy7, APC-H7, APC-vio770
	R730	B	15	730/50	705-755	NovaRed710
	R710	C	14	710/25	697.5-722.5	Alexa680, Alexa700
	R680	D	13	680/30	665-695	Alexa647, NovaRed660, NovaRed685, NovaRed700, NovaYellow690
	R675	E	12	675/20	665-685	NovaBlue660_40S, DRAQ5
	R660	F	11	660/30	645-675	APC

Please consult the Flow Core or <https://fluorofinder.com/> to design your panel using Core specific instruments.