

Cytometer Configuration of Symphony A5

Laser Name	Wavelength	Detector	Mirror LP	Filter BP	Parameter
UV 100mW	355	A	770	820/60	BUV805
		B	690	740/35	BUV737 , Hoechst Red
		C	635	670/30	BUV661
		D	600	610/20	BUV615
		E	550	586/15	BUV563
		F	450	515/30	BUV496 , DAPI, Hoechst Blue, Indo-1 (free), Zombie UV
		G	-	379/28	BUV395 , Indo-1 (bound)
Violet 100mW	405	A	750	780/60	BV786 , Super Bright 780
		B	710	740/35	BV750
		C	690	710/50	BV711 , Super Bright 702
		D	635	670/30	BV650
		E	600	610/20	BV605 , Super Bright 600
		F	550	586/15	BV570 , Zombie Yellow
		G	505	525/50	BV510 , BV480, V500, Alexa Fluor 430, eFluor 506, Pacific Orange, AmCyan, eCFP, FVS510
		H	410	431/28	BV421 , Super Bright 436, DyLight 405, Alexa Fluor 405, Pacific Blue, eFluor 450, Zombie Violet, FVS450
Blue 100mW	488	A	770	780/60	BB790
		B	730	750/30	BB750
		C	690	710/50	BB700 , PerCP-Cy5.5, PerCP-eFluor 710
		D	635	670/30	BB660 , PerCP
		E	600	610/20	BB630
		F	505	515/20	BB515 , FITC, Alexa Fluor 488, DyLight 488, eGFP, eYFP, CFSE, Zombie Green, FVS520
		G	-	488/10	SSC
Red 100mW	640	A	750	780/60	APC-Cy7 , APC-H7, APC-eFluor 780, Zombie NIR
		B	690	710/50	Alexa Fluor 700 , APC-R700, Alexa Fluor 680, FVS700
		C	-	670/30	APC , Alexa Fluor 647, Alexa Fluor 660, eFluor 660, FVS660
Yellow-Green 100mW	561	A	750	780/60	PE-Cy7 , BYG790
		B	635	670/30	PE-Cy5 , BYG660, 7-AAD
		C	600	610/20	PE-CF594 , BYG610, PE-Texas Red, PE-Dazzle 594, DyLight 594, PE-eFluor 610, mCherry, Zombie Red
		D	-	586/15	PE , BYG584, DsRed, dTomato, FVS570