

Sony SH800 Self Sorter

Single interrogation point of four lasers (405 nm, 488 nm, 561 nm, and 638 nm)

	PMT	Filter	Long Pass	
	FL1	450/50		Pacific Blue, BV421, Hoechst, DAPI, CFP
	FL2	525/50	487	BV510, FITC, Alexa Fluor 488, GFP, YFP
	FL3	600/60	561	BV605, PE, PE-Texas Red, RFP, mCherry
	FL4	665/30	639	APC, Alexa Fluor 647, PE-Cy5, BV650
	FL5	720/60	685	Alexa Fluor 700, PerCP-Cy5.5, BV711
	FL6	785/60	752	PE-Cy7, APC-Cy7, BV785

NOTE: Because of the co-linear lasers and single interrogation point, only 1 fluorophore from each channel should be selected. For example APC-Cy7 and PE-Cy7 cannot be distinguished.

Chip Based Design (70um or 100um)

Asceptic 2-Way Sorting