

# Five-laser LSR II (IMED)

## Standard Configuration

LSR II IMED (12-953) Instrument  
Configuration  
(2-Blue 4-Yellow-Green 6-Violet 2-UV 3-Red)

Detector Array	PMT (Detector)	Longpass Dichroic Mirror	Bandpass Filter	Fluorochrome or Scatter Parameter
Blue Trigon (488-nm)	A	685LP	710/50	PerCP, PerCP-Cy5.5, 7-AAD
	B	505LP	525/50	Alexa488, FITC, GFP, CSFE, BB515
	C	blank	488/10	SSC
	D	blank	450/40	FSC
Yellow-Green (561nm) Octagon	A	750LP	780/60	PE-Cy7
	B	635LP	660/20	PE-Cy5, Cychrome, Tricolor
	C	600LP	616/23	DsRed, PE-TxRed, mCherry, mStrawberry
	D	blank	582/15	PE
	E	blank	blank	none
	F	blank	blank	none
	G	blank	blank	none
	H	blank	blank	none
Violet Octagon (405-nm)	A	750LP	780/60	Qdot800, BV785
	B	685LP	710/50	BV711, Qdot-700, Qdot705
	C	630LP	660/20	BV650, Qdot-655, eFluor 650
	D	595LP	610/20	BV605, Qdot-605, eFluor 605
	E	505LP	525/50	BV510, AmCyan, Qdot-525, Pacific Orange
	F	blank	450/50	BV421, Alexa405, Pacific Blue, CFP
	G	blank	blank	none
	H	blank	blank	none
UV Trigon (355-nm)	A	505LP	525/50	Indo Blue
	B	blank	450/50	DAPI, Hoechst, Indo violet, BUV395 (with 379/28 BP)
	C	blank	blank	none
Red Trigon (640-nm)	A	750LP	780/60	APC-Cy7, APC-Alexa750
	B	685LP	730/45	APC-Cy5, Alexa 680
	C	blank	670/30	APC, Alexa 647