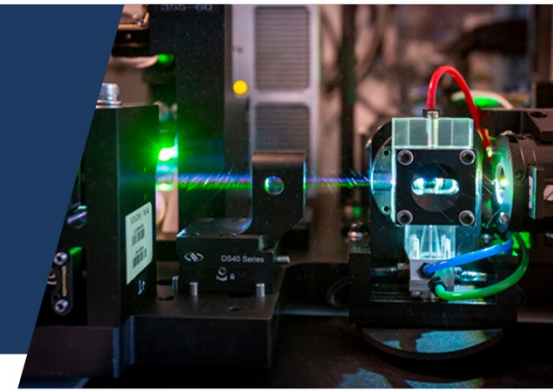


# Flow Cytometry: Equipment

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## Sony MA900 Multi-Application Cell Sorter (Sony MA900 - 3)

**Location:** Steam Plant S1-226

Laser	Channel	Filter	Fluorochrome	Other Fluorochromes	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes
<b>Violet 405 nm (10 mW)</b>	FL6	450/50	BV421	Pacific Blue   BV450   eFluor 450   AF 405   VioBlue	BFP   Azurite	CellTrace Violet	DyeCycle Violet	DAPI   LIVE/DEAD Fixable Violet   Zombie Violet
	FL7	525/50	BV510	BV480   V500   AF 430   AmCyan   Pacific Green   Qdot 525	CFP   Cerulean			LIVE/DEAD Fixable Aqua   Zombie Aqua
	FL8	585/30	BV570	Qdot 565				LIVE/Dead Fixable Yellow
	FL9	617/30	BV605	Qdot 605				
	FL10	665/30	BV650	Qdot 655				
	FL12	785/60	BV785	Qdot 800				
<b>Blue 488 nm (36 mW)</b>	FL1	525/50	FITC	BB515   AF 488   Qdot 525   Cy2	GFP   YFP   mCitrine	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green   Zombie Green   Sytox Green
	FL3	617/30	BB630	PE-eFluor610			Propidium Iodide	Propidium Iodide   7-AAD
	FL4	695/50	PerCP-Cy5.5	PerCP   PerCP-E710   BB660				
<b>Green 561 nm (36 mW)</b>	FL2	585/30	PE	AF 555   eFluor 570   Cy3	RFP   dsRed   tdTomato	CellTrace Yellow	DyeCycle Orange	LIVE/DEAD Fixable Red   Zombie Red   Sytox Orange
	FL3	617/30	PE-Texas Red	PE-CF594   ECD   PE-Dazzle 594   PE-eFluor610   Texas Red	mCherry		Propidium Iodide	Propidium Iodide   7-AAD
	FL4	695/50	PE-Cy5	PE-Cy5.5	mPlum			
	FL5	785/60	PE-Cy7					
<b>Red 638 nm (36 mW)</b>	FL10	665/30	APC	AF 633   AF 635   AF 647   AF 680   Cy5   Cy5.5		CellTrace Far Red	DyeCycle Ruby	LIVE/DEAD Fixable Far Red
	FL11	720/60	AF 700	APC-Cy5.5   APC-R700				Fixable Viability 700
	FL12	785/60	APC-AF750	APC-Cy7   APC-H7   APC-Fire750   APC-eFluor 780   AF 750   Cy7				LIVE/DEAD Fixable Near-IR   Zombie NIR

\*fluorochromes in the same channel cannot be used simultaneously

\*Updated: November 2020