

BD Influx-BioProtect IV Cell Sorter & Analyzer
Specifications

Item			
Optics Configuration	Excitation Laser	Detection Range	Example Fluorochrome
	488 Blue laser (200 mW)	530/40	FITC
		670/30	PerCP
		710/50	PerCP-Cy5.5
	405 Violet laser (100 mW)	425/26	BV421
		520/35	BV500
		610/20	BV605
		660/20	BV650
		710/50	BV711
		780/60	BV786
	640 Red laser (120 mW)	670/30	APC
		720/40	APC-Alexa700
		780/60	APC-Cy7
	561 Yellow-green laser (150 mW)	585/29	PE
		610/20	PE-TR
		670/30	PE-Cy5
750LP		PE-Cy7	
Nozzle Size Options	70 um, 86 um, 100 um, 140 um		
Sample Injection Tube	5ml polypropylene round-bottom tube		

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Sort Collection Chamber Options	<ul style="list-style-type: none">• Two-way sorting: 1.5 ml, 5 ml, 15 ml, and 50 ml tubes, and 25 mm round filter paper• Three-way sorting: one 50 ml tube and two 5 ml tubes• Four-way sorting: 1.5 ml and 5 ml tubes• Six-way sorting: 5 ml tubes• Computerized cell deposition unit (CCDU) that sorts into multi-well plates (384-, 96-, 48-, 24-, 6-well plate), microscope slides and user-defined collection devices
Protection Against Biohazardous Agents	<ul style="list-style-type: none">• Class II Type A2 biosafety cabinet (Baker BioProtect IV)• Aerosol Management System on Influx