

BD FACS Aria III & IIIu Cell Sorter & Analyzer
Specifications

Items				
Optics Configuration	Excitation Laser	LP Mirrors	BP Filters	Example Fluorochrome
	488-nm trigon (blue laser)	655	695/40 675/20	<ul style="list-style-type: none"> • PerCP-Cy5.5 • PerCP
		502	530/30	FITC
		-	488/10	SSC
	561-nm octagon (yellow-green laser)	735	780/60	PE-Cy7
		630	670/14 710/50	<ul style="list-style-type: none"> • PE-Cy5 • PE-Cy5.5
		600	610/20	<ul style="list-style-type: none"> • PE-Texas Red • mCherry • PI
		-	582/15	PE
	633-nm trigon (red laser)	735	780/60	<ul style="list-style-type: none"> • APC-Cy7 • APC-H7
		-	660/20	APC
	405-nm octagon (violet laser)	502	510/50	<ul style="list-style-type: none"> • AmCyan • BD Horizon V450
		-	450/40	<ul style="list-style-type: none"> • DAPI • BD Horizon V450 • Pacific Blue
Nozzle Size Options	70 um, 85 um, and 100 um			
ND Filter Options	1.0, 1.5, and 2.0			
Sample Injection Tube	<ul style="list-style-type: none"> • 1 mL microtube holder • 12x75 mm tube holder • 15 mL tube holder 			
Sort Collection Chamber Options	<ul style="list-style-type: none"> • Four-way 1 mL collection tube holder • Four-way 12x75 mm collection tube holder • Two-way 12x75 mm collection tube holder • Two-way 15 mL collection tube holder • (Aria IIIu only) Automated cell deposition unit that sorts into multi-well plates and onto microscope slides with temperature control options. 			