

BD FACSJazz



General Information

FACSJazz is an electrostatic droplet sorter and the factory-optimized settings, intuitive alignment, real-time video monitoring and BD Accudrop technology provide comprehensive control during acquisition, sorting, and analysis.

The sorter is equipped with two lasers (488nm-561nm) that can detect up to 6 different colors (see the below chart).

Samples are acquired using the BD FACS software and pulse processing (height, width and area) can be measured on all the parameters.

Samples are saved as FCS3.0 files.

A custom-tailored biosafety cabinet for the BD FACSJazz was designed in collaboration with The Baker Company, a leader in biosafety solutions.

Lasers and Configuration

FACSJazz

Laser	Filter	Fluorochrome
Blu 488nm	513/17 542/27	GFP, FITC, Alexa488, CFSE, BB115, Colver YFP
Yellow 561nm	585/29 610/20 670/30 750LP	PE, Cy3, TagRFP, DsRedExpress, tdTomato PE-CF594,PI, mCherry, PE-TxRed PE-Cy5,5 PE-Cy7

Nozzles available and Pression:

NOZZLE	PRESSION
100um	22 PSI

Sample Format

Manual port	5 ml Sterile Polypropylene Round-Bottom Tubes (FALCON 352063)
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Collection criteria

Collection support	Way sorting
1,5 ml or 2ml Eppendorf tubes	Sorts up to 2 different populations at the same time
5 ml tubes	Sorts up to 2 different populations at the same time
microtiter plates (48-96 and 384 wells)	Sorts 1 population
Microscope slides	Sorts 1 population