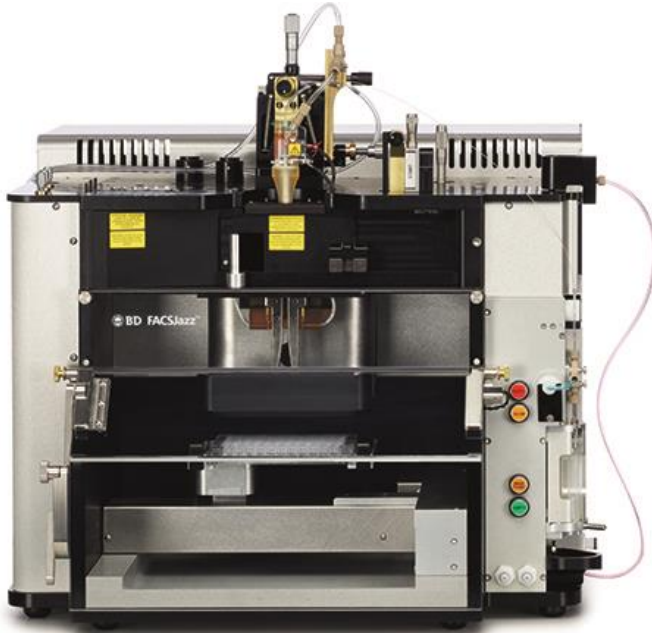


Curtin Health Innovation Research Institute – Biosciences
Flow Cytometry Sorter Guide

BD FACSJazz (Hydrodynamic focusing stream-in-air)



BD FACS Jazz Sorter Specifications:

- 2 laser system: Blue / Red
- 6 colours simultaneously
- Stream-in-air sorter
- Sample up to 20,000 events/second
- Two-way sorting capability: 5 – 15 ml
- Plate sorting: 6 / 24 / 96 / 384 wells
- 100 µm fixed nozzle
- Contained in CAS PC2 certified hood
- Temperature control

Curtin Health Innovation Research Institute - Biosciences
BD FACSJazz Cell Sorter
Bandpass Configuration Filter Guide

Channel Name	Standard Filters	Commonly Used Fluorophores
488 nm Blue Laser		
SSC	488/10	Side scatter
[B] 530/30	530/40	FITC, BB515, Alexa Fluor 488, CFSE, GFP, YFP
[B] 585/42	585/29	PE
[B] 670LP	694/40	PerCP, PerCP-Cy5.5
[B] 780/60	750 LP	PE-Cy7
640 nm Red Laser		
[R] 660/20	660/20	APC
[R] 780/60	750 LP	APC-Cy7, APC-H7

Note: This is not an exhaustive list of fluorophores, please contact CHIRI Flow Cytometry Staff if you need assistance checking the details of your panel.