**Influx Cell Sorter**
5-laser, 14-color

**Laser: 355nm**
- Filter 460/50 BP
  - Hoechst Blue, DAPI
- Filter 670/30 BP
  - Hoechst Red

**Laser: 405nm**
- Filter 460/50 BP
  - Alexa Fluor 405, Marina Blue, Pacific Blue, eFluor450, Sytox Blue, Calcien Blue, BV421
- Filter 520/35 BP
  - Alexa Fluor 430, AmCyan, CFP, Live Dead Fixable Aqua, BV510

**Laser: 488nm**
- Filter 530/40 BP
  - Alexa Fluor 488, FITC, GFP, Sytox Green, Calcien Green
- Filter 670/30 BP
  - PerCP, 7AAD
- Filter 710/50 BP
  - PerCP-Cy5, PerCP-Cy5.5

**Laser: 561nm**
- Filter 585/29 BP
  - PE, DS Red
- Filter 610/20 BP
  - PI, PE-Texas Red, AlexaFluor 610, mCherry, mKate, tdTomato
- Filter 670/30 BP
  - PE-Cy5
- Filter 750 LP
  - PE-Cy7

**Laser: 642nm**
- Filter 670/30 BP
  - APC, Alexa Fluor 647, Sytox Red
- Filter 720/40 BP
  - Alexa Fluor 700
- Filter 750 LP
  - APC-Cy7, APC-H7

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**Additional Information**

**Manufacturer:**
Beckton, Dickinson and Company
Franklin Lakes, NJ

**Software Version:**
BD SortWare 1.2.0.142

**Sample Tube:**
12mm x 75mm polypropylene tube

**Sample Collection:**
- 15ml tubes (up to two populations)
- 12mm x 75mm tubes (up to four populations)
- 50ml tubes (up to two populations)
- 1.5ml microcentrifuge tubes (up to four populations)
- 24, 96, 384 well plates

**Nozzle/Pressure:**
- 100um/27psi (default)
- 70um/52psi (Available Upon Request)

**Contained in Class I Biosafety Enclosure**

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Handout: IN007-HN01
V1.2