



## ImageStreamX Mark II Imaging Cytometer

5-laser, 12-parameters

### Brightfield

Filter 457/45 BP

Filter 582/25 BP

#### Laser: 488nm

Filter 527/65 BP

Alexa Fluor 488, FITC, GFP, Sytox  
Green, Calci Green, YFP

#### Laser: 561nm

Filter 577/35 BP

PE, DS Red, AlexaFluor 546, PKH26

Filter 610/30 BP

PI, PE-Texas Red, AlexaFluor 610,  
mCherry, mKate, tdTomato AlexaFluor  
568, 7AAD

Filter 702/86 BP

PE-Cy5, PerCP, PerCP-Cy5.5

Filter 762/35 BP

SSC, PE-Cy7, Draq5

#### Laser: 405nm

Filter 470/70 BP

Alexa Fluor 405, DAPI, Marina Blue,  
Pacific Blue, eFluor450, Sytox Blue,  
Calcien Blue, Live Dead Fixable Aqua

Filter 537/65 BP

Alexa Fluor 430, AmCyan, CFP, Live  
Dead fixable Aqua, BV510

#### Laser: 633nm

Filter 610/30 BP

Qdot 625, eFluor 625

Filter 702/86 BP

APC, Alexa Fluor 647, AlexaFluor 660,  
Cy5, Draq5, Sytox Red

Filter 762/35 BP

SSC, APC-Cy7, APC-H7, Cy7,  
AlexaFluor 750

### Additional Information

Manufacturer:

Amnis Corporation, EMD Millipore  
Billerica, MA

Software Version:

INSPIRE  
IDEAS 6.2.64

Sample Acquisition:

1.5ml microcentrifuge tubes  
96 well plates

Magnification Power:

20x – 1.0uM/Pixel; 120x256uM field of view;  
4,000 cells/second  
40x – 0.5uM/Pixel; 60x128uM field of view;  
2,000 cells/second  
60x – 0.3uM/Pixel; 40x170uM field of view;  
1,200 cells/second

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