



## ImageStreamX Mark II Imaging Cytometer

5-laser, 12-parameters

### Brightfield

Filter 457/45 BP

Filter 582/25 BP

**Laser:** 488nm 561nm

Filter 527/65 BP

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

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 633nm

Filter 470/70 BP

Alexa Fluor 405, DAPI, BV421, Pacific Blue, eFluor450, Sytox Blue, Calciin Blue,

Filter 537/65 BP

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

Filter 610/30 BP

Qdot 625, eFluor 625, BV605

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, Luminex Corporation

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