Specifications IncuCyte S3 Live-Cell Analysis System

For easy imaging and analyzing live cells over days to months inside an incubator

OBJECTIVES

- 20x: Image Resolution: 0.62 microns/pixel
  Image Size: 1408 x 1040 pixels
  Field of View: 0.88 x 0.65 mm
- 10x: Image Resolution: 1.24 microns/pixel
  Image Size: 1408 x 1040 pixels
  Field of View: 1.75 x 1.29 mm
- 4x: Image Resolution: 2.82 microns/pixel
  Image Size: 1536 x 1152 pixels
  Field of View: 4.34 x 3.25 mm

FLUORESCENCE FILTERS

- Green:
  Emission Wavelength: 524 nm; Passband: [504,544] nm
  Excitation Wavelength: 460 nm; Passband: [440,480] nm
- Red:
  Emission Wavelength: 635 nm; Passband: [625,705] nm
  Excitation Wavelength: 585 nm; Passband: [565,605] nm

BRIGHTFIELD

- HD Phase imaging in grey values

DETECTION

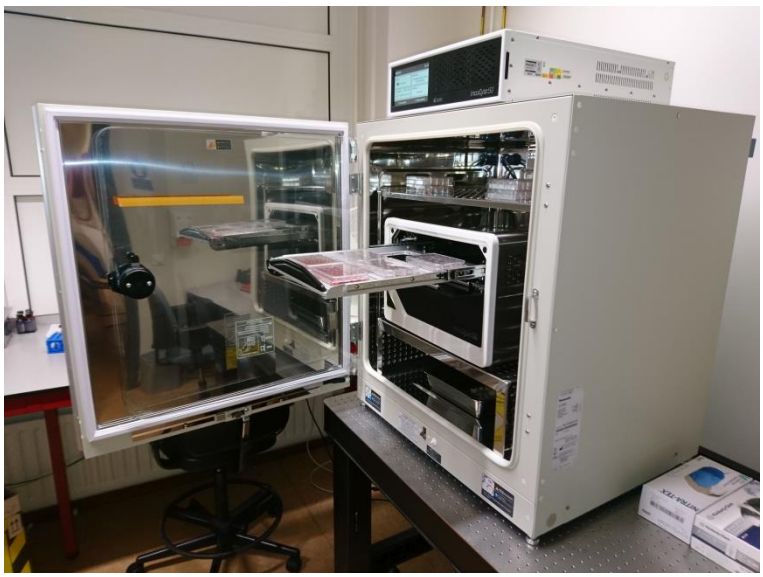
- Camera Type: Basler Ace 1920-155um
- Sensor Type: CMOS

STAGE / INCUBATION

- Temp, CO2 controlled environment, whole instrument is installed inside a Panasonic MCO-230AIC incubator
- Stage can hold six multiwell plates at the same time. The stage is fixed, a microscope unit is travelling underneath it for scanning (parts of) the wells. 2d only.

SOFTWARE

- The IncuCyte can be controlled from any networked location using unlimited, free licenses to be obtained at UMIC
- Basic analysis software included



Version 30-8-2018