

Specifications DeltaVision Elite

STAND **Inverted_Olympus IX-71 Stand**

OBJECTIVES

- PLAPON 60X oil, 1.42, WD 0.15 mm. (Olympus)
- UPFLN 40X oil, 1.3, WD 0.2 mm . (Olympus)
- UPLSAPO 100X oil, 1.4, WD 0.12mm . (Olympus)

EXCITATION

- 7 colors DV light SSI (Lumencore ultra-fast solid state illumination, allowing 1ms exposure time) 280 to 680 nm
- LED transmitted light module
- 4 laser Photokinetics module, 405, 488, 568 and 640 nm for FRAP

DETECTION

- PCO-edge sCMOS camera; pixelsize 6.5 um X 6.5 um, 2560X2160 pixels,
- Speed: 400 fps at 512 x 512, 200 fps at 1025 x 1025

STAGE / INCUBATION

- Environmental chamber, temp and CO2 control
- Ultimate focus module
- Automated Flexure stage
- Live cell speed option: enables multi-color imaging without filter change.

SOFTWARE

- softWoRx 6 aquisition and integrated deconvolution software (on Linux CentOS 6.3 platform)
- Working station with one 30" monitor.

