



FUSION SOLO X

*New Edge Generation
Build Your System As You Need*

Optics

FUSION Solo 6X with the eVo-6 camera – resolution oriented camera, ideal for publication

eVo-6 camera:

- Unrivalled custom made lens f/0.70
- Scientific grade CCD camera
- Grade 0, zero defect
- Image resolution: 20 megapixels
- Native resolution: 2838×2224
- Up to -55° C cooling via three stages Peltier thermoelectric cooler
- High Sensitivity reading (HSR) technology
- USB-3 connection

Ease Of Use

- One-Click-to-the-Image™
- Auto-exposure
- Auto-lighting
- Auto-focus

Hardware

Smart Darkroom technology:

- 5 sample tray positions
- Software control of the lighting
- Automatic visible lighting adjustment

Steel and stainless steel darkroom for long lasting robustness. Wide access door.

Software

Free software for image acquisition with full GLP compliance. Molecular weight calculation, band quantification, colony counting, distance calculation, text annotation and image enhancement included

CFR21 Part 11 ready

Systems Series

FUSION Solo 6X Basic

- Manual lens
- Only for chemiluminescence

FUSION Solo 6X Auto

- Automatic lens
- 4 positions manual filter wheel
- Optional UV Transilluminators
- Upgradeable to epifluorescence (Optional Spectra Capsules)

FUSION Solo 6X Ultimate

- Automatic lens
- 7 positions automatic filter wheel
- Optional UV Transilluminators
- Upgradeable to epifluorescence (Optional Spectra Capsules)

Applications

Chemiluminescence Western, Northern or Southern blot

Optional applications (only for Auto & Ultimate series) :

DNA and RNA gels and fluorescence stain imaging with Super-Bright UV-Transilluminator or Blue-Transilluminator

Colorimetric stained protein gels, X-Ray film, autorads, SSCP gels, colony dish and flask imaging with White-Light-Transilluminator
Transilluminators + conversion screens

Fluorescence Western blot with Spectra Capsules :
365nm - 440nm - 480nm - 530nm - 580nm
640nm - 680nm - 740nm - 780nm

Innovations

- Apps Studio
- 3D Dynamic Scan
- SuperResolution
- High Sensitivity Reading (HSR) technology
- ImageMaster™ assistant
- Clarity™