



FUSION SOLO S

Build Your System As You Need

Camera & Optics

Custom made V-084 fixed lens with unrivaled aperture of f0.84

FUSION Solo 7S with the DarQ-7 camera – sensitivity oriented camera ideal for extremely low light sample DarQ-7 camera:

- Scientific grade CCD camera
- Grade 0, zero defect
- Image resolution: 10 megapixels
- Native resolution: 2048×2048
- -67° C maximum cooling differential from ambient -42°C absolute and regulated cooling via four stages Peltier thermoelectric cooler.
- High Sensitivity reading (HSR) technology
- USB connection

FUSION Solo 6S with the eVo-6 camera – resolution oriented camera ideal for publication eVo-6 camera:

- Scientific grade CCD camera
- Grade 0, zero defect
- Image resolution: 20 megapixels
- Native resolution: 2838×2224
- -55° C maximum cooling differential from ambient -30°C absolute and regulated cooling via three stages Peltier thermoelectric cooler
- High Sensitivity reading (HSR) technology
- USB connection

Ease Of Use

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

Hardware

Smart Darkroom technology:

- Software control of the lighting
- White light led panels with automatic intensity adjustment
- Slide-out PadBox with automatic recognition of the Application Pad inserted

Steel and stainless steel darkroom for long lasting robustness. Wide access door with UV safety shut-off

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

Applications

Chemiluminescence & fluorescence Western, Northern or Southern blot

Optional applications:

DNA and RNA gels and fluorescence stain imaging with UV or Blue-Pad
Colorimetric stained protein gels, X-Ray film, autorads, SSCP gels, colony dish and flask imaging with White-Light-Pad or UV-Pad + conversion screen
Fluorescence Western blot with Spectra-Pad module

Technologies & Innovation

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

Options

Several Application-Pad can be easily inserted and removed inside the PadBox:

- UV-Pad – 312nm or dual wavelength 312 and 365nm
- Super-Bright-Pad – 312nm or dual wavelength 312 and 365nm
- Sky-Pad: LED blue light transilluminator, 470nm
- White-Light-Pad: white light LED transilluminator
- Spectra-Pad Blue: blue epi-illumination
- Spectra-Pad Green: green epi-illumination
- Spectra-Pad Red: red epi-illumination
- Spectra-Pad RGB: red, green and blue EPI illumination

White light or blue light conversion screen
Advanced Bio-1D quantification software

CFR21 Part 11 module