



GELDOC **FIREREADER V10**

The versatile high-end gel documentation system with ultimate 16-bit imaging. Ideal for image acquisition, editing, analysis and publication.

CAMERA & OPTICS

6-megapixel native resolution
10-megapixel extended resolution

16-bit Scientific-grade camera
65,535 shades of grey
>4.0 OD dynamic range
26x21 cm field of view

Passive cooling system for reduced background
High-speed USB technology for faster capture

SOFTWARE

Uvitec-1D[®] license-free software included:

- Unlimited users & computer installations
- Default and fully-customizable protocols
- Acquisition modes: Auto, Manual, Preview
- 3D visualization and Live-3D[®] acquisition modes

Numerous image enhancement tools:
text, crop, rotate, background subtraction, artifact corrections, etc.

Unlimited analysis: quantification/normalization,
MW, distance calculation / R&F, colony counting.

21-CFR-part-11 ready & compliant

INNOVATIONS

Fully-automated system
On-click[®] image acquisition process

Dtech[®] darkroom concept:

- 100% stainless-steel made
- Full door aperture & darkroom access
- Fully slide-out transilluminator

3D-visualization[®] & Live-3D[®] acquisition mode
Uvipure[®] patented technology

DARKROOM

Stainless-steel made for extreme robustness
Long-lasting chemical-resistant Epoxy paint

Full door aperture for easy darkroom access
Fully slide-out built-in transilluminator
Uvipure[®] patented technology available
6-position manual filter wheel – F-590 included

100% software-controlled darkroom & exposure
One-click[®] image acquisition process

ILLUMINATIONS

DEFAULT

Epi-white LED panels
Epi-blue LED light (470 nm)
Large choice of transilluminators:

- 26M – 312 nm, 21x26 cm
- 26MX – 312 nm, Uvipure[®], 21x26 cm
- 26LMX – 312+365 nm, Uvipure[®], 21x26 cm
- 20-B – 470 nm, Blue table, 20x20 cm

OPTIONAL

Dual epi-UV 254+365 nm
Trans white or blue light (conversion screens)
Large choice of up to 17 emission filters

APPLICATIONS

DNA/RNA gels
EtBr & Safe stains: GelRed, GelGreen, Midori, SYBR
Green & Safe/Gold, Bodipy, DAPI, Sypro Ruby, etc.

Blue-fluorescent gels & blots: Cy2, GFP, eGFP, FITC,
Alexa 488, Alexa 514, etc.

TLC plates, Qdots and other epi-UV excited samples.

Colorimetric stained protein gels: Coomassie, Cooper,
Silver, Ponceau S Red, etc.

Stain-free enabled with live-acquisition mode.

Visible imaging: colony dish, X-ray films, etc.