



GELDOC FIREREADER V10

Uvitec's best-selling high-end gel documentation system, ideal for gels acquisition, visualisation, quantification and publication.



Native resolution:
6-mpx



Flagship:
2017 best-seller



Shades of grey:
65,535



System:
fully automated



Epi-Illumination:
white, blue, UV

CAMERA & OPTICS

6-megapixel native resolution
10-megapixel extended resolution
16-bit Scientific camera
65,535 shades of grey
4.0 dynamic range
21x26cm field of view
Passive cooling system for reduced background
High-speed USB technology for faster capture

SOFTWARE

2017 Uvitec-1D© license-free software:

- Brand-new design, user-friendly interface
- Unlimited users & computer installation
- Default and fully-customizable protocols
- Acquisition modes: Auto, Manual, Preview
- 3D visualization and live-3D acquisition modes

Image enhancement tools: text, crop, rotate, background subtraction, artifact corrections, multiplexing...

Analysis: quantification & normalisation, molecular weight, distances calculation, colony counting
21CFR part 11 ready (optional CFR21 add-on)

PATENTS & INNOVATION

Fully-automated system
2017 D'tech© darkroom concept:

- Stainless-steel made
- Full door aperture & darkroom access
- Fully slide-out transilluminator

On-click© image acquisition process
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
6-position filter wheel - F-590 filter included
Uvipure© patented technology available
100% computer-controlled darkroom
One-click© image acquisition process

ILLUMINATIONS

INCLUDED

- Epi-white LED pannels
- Epi-blue LED pannels
- UV transillumination with large choice of table:
 - 26M – 312nm, 21x26cm
 - 26MX – 312nm, Uvipure, 21x26cm
 - 26LMX – 312+365nm, Uvipure, 21x26cm
 - 20-Blue – 470nm, Blue table, 20x20cm

OPTIONAL

- Epi-UV 254+365nm
- White conversion screen (trans-white)
- Blue conversion screen (trans-blue)

APPLICATIONS

- DNA/RNA gels:
Ethidium Bromide & safe stains (Gel Red & Green, Midori, Emerald, SYBR, Bodiplot, DAPI, SYPRO...)
- Blue-fluorescent gels & blots:
Cy2, GFP, eGFP, FITC, Alexa 488...
- Optional epi-UV: TLC plates, Qdot gels, GFP, FITC
- Colorimetric stained protein gels:
Coomassie Blue, Cooper, Silver, Ponceau S Red
- Stain-free/pre-cast gels, colony dish, X-ray films...