



GELDOC ESSENTIAL V6

The compact high-end gel documentation system, ideal for gels acquisition, visualisation, quantification and documentation.



Native resolution:
3-mpx



Scientific camera:
16-bit



Shades of grey:
65,535



System:
fully automated



Made:
stainless-steel

CAMERA & OPTICS

3-megapixel native resolution
6-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

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
High-end F-590 filter included
Uvipure® patented technology available

100% computer-controlled darkroom
One-click® image acquisition process

SOFTWARE

2017 Uvitec-1D© license-free software:

- 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)

ILLUMINATIONS

INCLUDED

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

OPTIONAL

- White conversion screen (trans-white)
- Blue conversion screen (trans-blue)

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

APPLICATIONS

- DNA/RNA gels: Ethidium Bromide & safe stains (Gel Red & Green, Midori Green, Emerald, SYBR Green, SYBR Safe/Gold, Bodiploty, DAPI, SYPRO Ruby...)
- Colorimetric stained protein gels: Coomassie Blue, Cooper, Silver, Ponceau S Red
- Stain-free/pre-cast gels, colony dish, X-ray films...