



GELDOC ESSENTIAL V6

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

CAMERA & OPTICS

3-megapixel native resolution
6-megapixel extended resolution

16-bit Scientific-grade camera
65,535 shades of grey
>4.0 OD dynamic range
26x21cm field of view

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

SOFTWARE

Uvitec-ID© 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...

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

2017 D'tech© darkroom concept:

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

3D-visualization© & live-3D© acquisition mode

Uvipure© patented technology

ILLUMINATIONS

DEFAULT

Epi-white LED pannels
Large choice of transilluminators:

- 20M - 312nm, 20x20cm
- 26MX - 312nm, Uvipure, 21x26cm
- 26LM - 312+365nm, 21x26cm

OPTIONAL

Trans white or blue light (conversion screens)
Large choice of up to 17 emission filters

DARKROOM

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

Fully plug-and-play: power & USB cables only

Filter-wheel-free: cover all your gel imaging applications with one single filter - F-590 included

Full door aperture for easy darkroom access
Fully slide-out built-in transilluminator
Uvipure© patented technology available

100% software-controlled darkroom & exposure
One-click© image acquisition process

APPLICATIONS

DNA/RNA gels
Ethidium Bromide & safe stains: GelRed, GelGreen, Midori, Emerald, SYBR Green I/II, SYBR Safe/Gold, Bodiplay, DAPI, Sypro Ruby...)

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

Stain-free enabled, with live-acquisition mode.

Visible imaging; colony dish, X-ray films...

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