



## GELDOC **ESSENTIAL V6**

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

### 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  
26x21 cm field of view

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

### SOFTWARE

Uvitec-1D<sup>®</sup> license-free software included:

- Unlimited users & computer installations
- Default and fully-customizable protocols
- Acquisition modes: Auto, Manual, Preview
- 3D visualization and Live-3D<sup>®</sup> 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<sup>®</sup> image acquisition process

2017 Dtech<sup>®</sup> darkroom concept:

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

3D-visualization<sup>®</sup> & Live-3D<sup>®</sup> acquisition mode  
Uvipure<sup>®</sup> 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<sup>®</sup> patented technology available  
1-position filter wheel – F-590 included

100% software-controlled darkroom & exposure  
One-click<sup>®</sup> image acquisition process

### ILLUMINATIONS

#### DEFAULT

Epi-white LED panels

Large choice of transilluminators:

- 20M – 312 nm, 20x20 cm
- 26MX – 312 nm, Uvipure<sup>®</sup>, 21x26 cm
- 26LM – 312+365 nm, 21x26 cm

#### OPTIONAL

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, SYBR Safe/Gold, Bodiplay, DAPI,  
Spro Ruby, etc.

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.