



GELDOC

UVIDOC HD6

The all-in-one acquisition platform with ultimate 16-bit imaging. Ideal for accurate quantification, further analysis and publication.

CAMERA & OPTICS

6-megapixel native resolution
Up to 18-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

Uvidoc-1D© on-board software installed.

Uvitec-1D© license-free software also 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-touch© 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

Real on-board computer – not a tablet

12.2" HD touch-screen, 16/9 display, 1280x800

Fully networkable: 3.0 USB ports, LAN, optional WiFi

Full door aperture for easy darkroom access

Fully slide-out built-in transilluminator

Optional protection screen

3-position manual filter wheel, F-590 filter included

Uvipure© patented technology available

100% software-controlled darkroom & exposure

One-touch© image acquisition process

APPLICATIONS

DNA/RNA gels

Ethidium Bromide & safe stains: GelRed, GelGreen, Midori, Emerald, SYBR Green I/II, SYBR Safe/Gold, Bodiploty, 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...

