ESSENTIAL V6

All you need is me
Simple and fast image acquisition

> *We do a lot of routine documentation and we need a robust and easy to use instrument. Our Essential is an all-inclusive system for the price of a basic one. Autofocus, auto-exposure, quantification software, 16bits, all included.*

> Capture and print
- **Affordable Scientific gel doc**

Essential V6 is as superbly suited to simple, rapid capture and print applications as it is to high precision image optimisation and capture. It is therefore ideal for research environments with a high number of occasional or frequent users, or for the dedicated single user who needs complete control over image capture and analysis. The Essential V6 specifications are ideal for routine documentation.

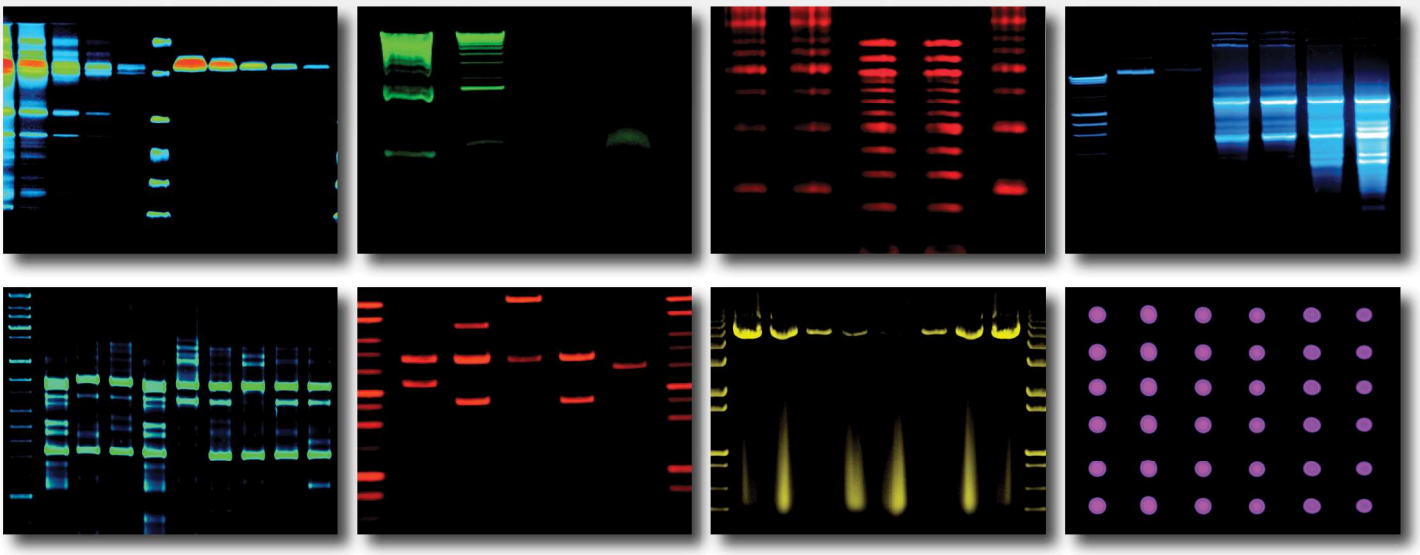
- **Efficient and multi-User**

The cutting edge Essential V6 camera and optics deliver the highest scientific imaging grade possible for the most demanding applications. The system is ideal for a multi-User environment with limited set-up functions but covering a maximum of applications.

> Capture and print
In research laboratories where premium quality and precision are required Essential V6 comes into its own.
Essential V6 is ideal for routine documentation. European manufactured, the superb quality of the scientific camera enables long lasting high performance imaging. With no learning curve and only one button to click, a high quality print or image file can be produced in seconds. Automatic features such as autofocus, automatic light system, automatic zoom and auto-exposure enable the highest precision image optimisation and the saturation easy monitoring.

> Tough hardware
Essential V6 features the most robust darkroom cabinet available. Transilluminator can easily and fully be slided out. The darkroom can accommodate either a standard transilluminator or our highly demanded UVIpure transilluminator.

> Set the tone
Uvitec-1D software is designed for simplest and fastest image acquisition while still allowing users to improve tiff-saved images whenever necessary in a number of ways including contrast and brightness adjustment, mirror imaging, image inversion and annotation (text and symbols)... Displayed images can be converted into several colour scales (red, blue, green and multi-coloured palette) without affecting data before analysis and thus in order to determine molecular weight and band quantities (optical density).



UV FLUORESCENCE
(ETBR & SAFE STAINS GELS)
VISIBLE IMAGING

FULFIL YOUR ESSENTIAL NEED

> **The cherry on the cake**

- Ideal for quantification and routine documentation
- Scientific camera of 3-megapixel native resolution
- True 16-bit depth camera with up to 65,535 shades of gray
- Patented Uvipure technology available
- UV safety switch and override button
- Extreme ease of use
- Auto-exposure
- Autofocus with automatic zoom and light
- USB connection
- Ideal for multi-user environments
- Good Laboratory Practice (GLP) file available at all times
- Inclusive of free Uvitec-1D software for both image acquisition and analysis
- Robust steel and stainless steel manufacturing
- Compact design
- Protocol-driven image acquisition
- Direct access to key functions
- Publishing & image enhancement features
- Superb quality camera filter optimised for Ethidium Bromide
- Copy the image to clipboard and paste either in Microsoft Word® or Excel®

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

True 6-megapixel native 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© 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, etc.

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

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

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
Uvipure© patented technology available
1-position filter wheel – F-590 included

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

ILLUMINATIONS

DEFAULT
Epi-white LED panels
Large choice of transilluminators:
- 20M – 312 nm, 20x20 cm
- 26MX – 312 nm, Uvipure©, 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, Bodiply, DAPI, Sypro 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.

UVITEC Ltd, contact@uvitec.co.uk - Unit 3.05, St. John's Innovation Centre, Cowley Rd, Cambridge CB4 OWS, UK