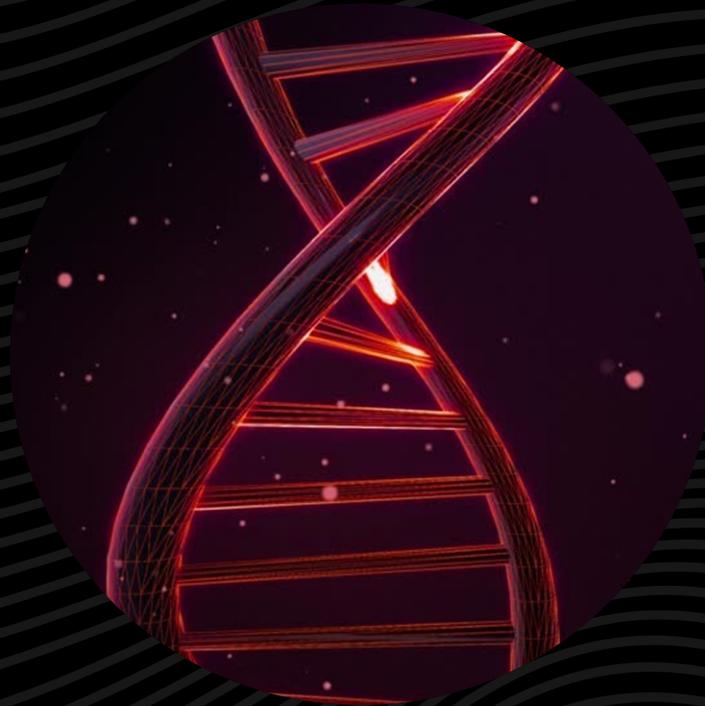


UVITEC
CAMBRIDGE



UVIDOC

MAKE IT VISIBLE

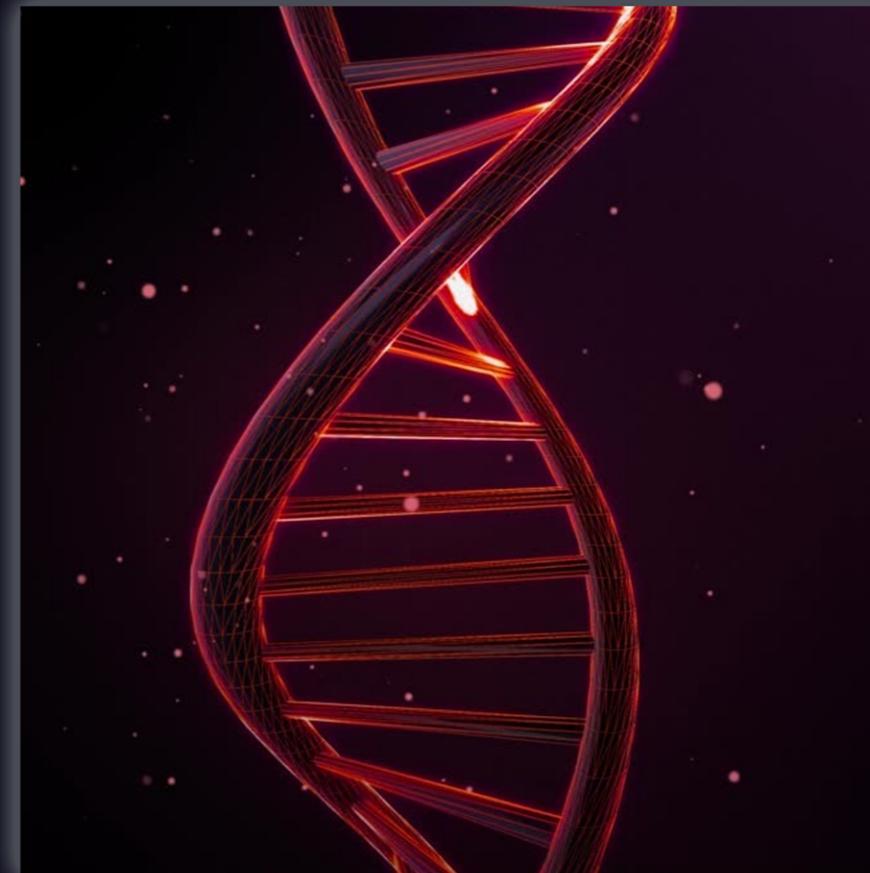
Make It Visible

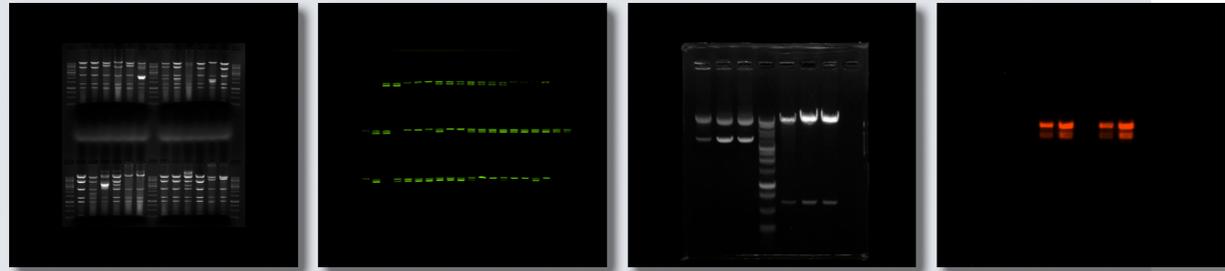
Uvitec Cambridge



Get closer to your discovery

Reveal your gels with simplicity





UVIDOC HD6



- **Endless applications**

26x21cm imaging area

- **Intelligent software**

Optional Voice Control

- **Designed to last**

Robust on-board computer

- **Unrivalled performance**

Quantification: 65,535 grey levels

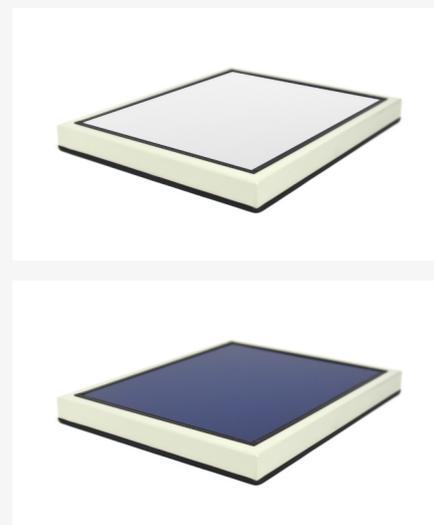
In 1953, at the heart of Cambridge University, Rosalind Franklin, James Watson and Francis Crick discovered DNA double helix structure from famous "Photograph 51".

This breakthrough not only unveiled the secrets of genetic information; it also brought certainty on the very essence of life itself.

Today, following in the footsteps of these great scientists, UVITEC Cambridge is committed to provide you certainty by guaranteeing quality images with high-end instruments. The UVIDOC HD6 is one of these powerful systems.

Equipped with real on-board computer and a giant 12.1" HD touch screen, the UVIDOC HD6 is the latest generation imaging system on the market for DNA and RNA gel imaging. Its new Voice Control option combined with an innovative software allows for a user-friendly image acquisition whilst also offering simplified analysis.

The UVIDOC HD6 is ideal for crowded labs where automation, ease of use and high-resolution are required.



ENDLESS APPLICATIONS

To visualize the numerous dyes that are commercially available today, the UVIDOC HD6 offers a selection of different transilluminators, conversion screens and filters to best answer your applications. It also adapts perfectly to the size of your sample with its extensive imaging area.

Enjoy the widest field of view for your research

With the largest field of view in today's market at 26x21cm – visualize your largest gels without hassle! You can also capture several small samples at once.

Customize your system with our easy Plug n' Play technology

With interchangeable pads, we offer 3 different possible transilluminators to answer your needs. Our most popular, UVI PURE, contains a special filter to reduce DNA damage answering to numerous dyes including and not limited to: Ethidium Bromide®, SYBR Safe®, GelRed® and Midori green® stains. Our Safelight table introduced specifically for an eco-friendly environment, uses BLUE LED lights to excite your most sensitive gels within the blue wavelengths. Finally we offer an hybrid option to cover Ethidium Bromide® gel with no UV.

Get the flexibility you need with an all-in-one configuration

With the use of conversion screens, simply use the same table and insert your conversion screen to convert your UV light either into white light or blue light.

Our unique features at a glance

Filters and transilluminators

- 4-position filter wheel
- Optimised F-590 EtBr filter included
- Standard Epi white LED panel
- Fully slide-out built-in transilluminator
- UV transillumination with large choice of tables:
 - 20M - 312nm, 20x20cm
 - 26MX - 312nm, Uvipure, 21x26cm
 - 26LM - 312+365nm, 21x26cm
 - 20 Blue LED, 20x20cm
 - 20 White LED, 20x20cm

Conversion screens

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

Applications supported

Ethidium Bromide®, SYBR Green®, Gel Red®, Gel Green®, SYBR® Safe, Sypro®, Midori Green®, Coomassie Blue®, Cooper®, Red Ponceau®, Zinc Stain®, Flamingo®, Oriole®, Silver Stain®, Coomassie Fluor Orange®, Sypro Ruby®, Krypton& Colorimetric Blots®, Stain free® enable

INTELLIGENT SOFTWARE

To help with acquisition of your image, download our license-free software UVITEC1D for both editing and analysis directly on your PC.

Discover the first voice-controlled software for Geldoc

Experience effortless molecular imaging simply by moving to the Voice Control option, The UVIDOC HD6 offers touchless operations through this feature. Monitor all the steps of your imaging process, from Start to Finish, through voice command.

Get your results in one click

Auto is our motto. Have access to your image in just 1-click on the touchscreen. With today's UVIDOC software, adapt your protocol to your application and let the system do the rest. It's that simple. The UVIDOC HD6 comes with a complete license free desktop software for editing and analysis that you can install on as many computers as necessary.

Visualize your gels in 3D

Picture your gels in 3D. With the UVITEC1D software, access your sample in 3D live to identify and examine your bands individually or grouped to determine the best exposition time for your gel before it reaches saturation.

Quantify your sample precisely

Grey levels in a 16-bit camera, ranging up to 65,635 grey levels, are crucial for capturing fine graduation in brightness, enhancing image detail and dynamic range. The higher the number of greys, the greater the accuracy and precision obtained for quantification. UVIDOC HD6 offers this possibility, allowing you to quantify your sample directly on our UVITEC1D software.

Our unique features at a glance

Capture

Customizable protocols - Zoom , preview, print -
3D visualization - Save images in tiff, tagged tiff, jpeg or bitmap format, 16-bit or 8-bit images with a single-click export via USB3 - Publishing resolution 300 to 600 dpi - Optional Voice Control - Optional WIFI dongle for easy saving

Analysis

License-free and multiuser software for editing and analysis - Unlimited analysis tools for Quantification, Molecular Weight, Colony Counting and Distance Calculations



UVITEC was born in Cambridge and inspired by the future. Our development team has always had at heart, the desire and passion to create and produce a system that is meant to last.

Red is the new black

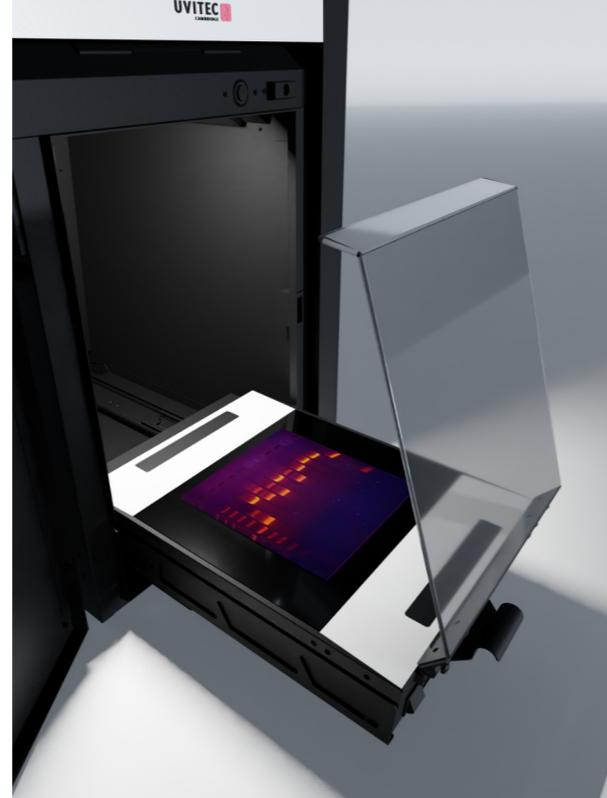
The standalone design of the UVIDOC HD6 is a testament to its practicality and user-friendliness. It is easy to clean and compact to fit seamlessly into your laboratory environment. Made exclusively from high-quality material such as stainless steel, this system is a long-term companion for your research.

Get the Cambridge Touch

Enjoy the comfort of the widest touch screen. With its size of over 12.1" , our Cambridge Touch screen offers an immersive and smooth viewing experience. Its remarkable resolution ensures that every detail of your gel doc experiment is vividly displayed.

Handle your gels safely

Manufactured under EU standards, safety is our priority. Additionally, our UV shield and UV intensity reduction from 100% to 70% allow you to perform your gel excisions safely directly on the Pad. The UVIDOC HD6 also features a full door aperture and slide-out trays, specifically engineered to alleviate the discomfort usually associated with drawers.



Our unique features at a glance

Display

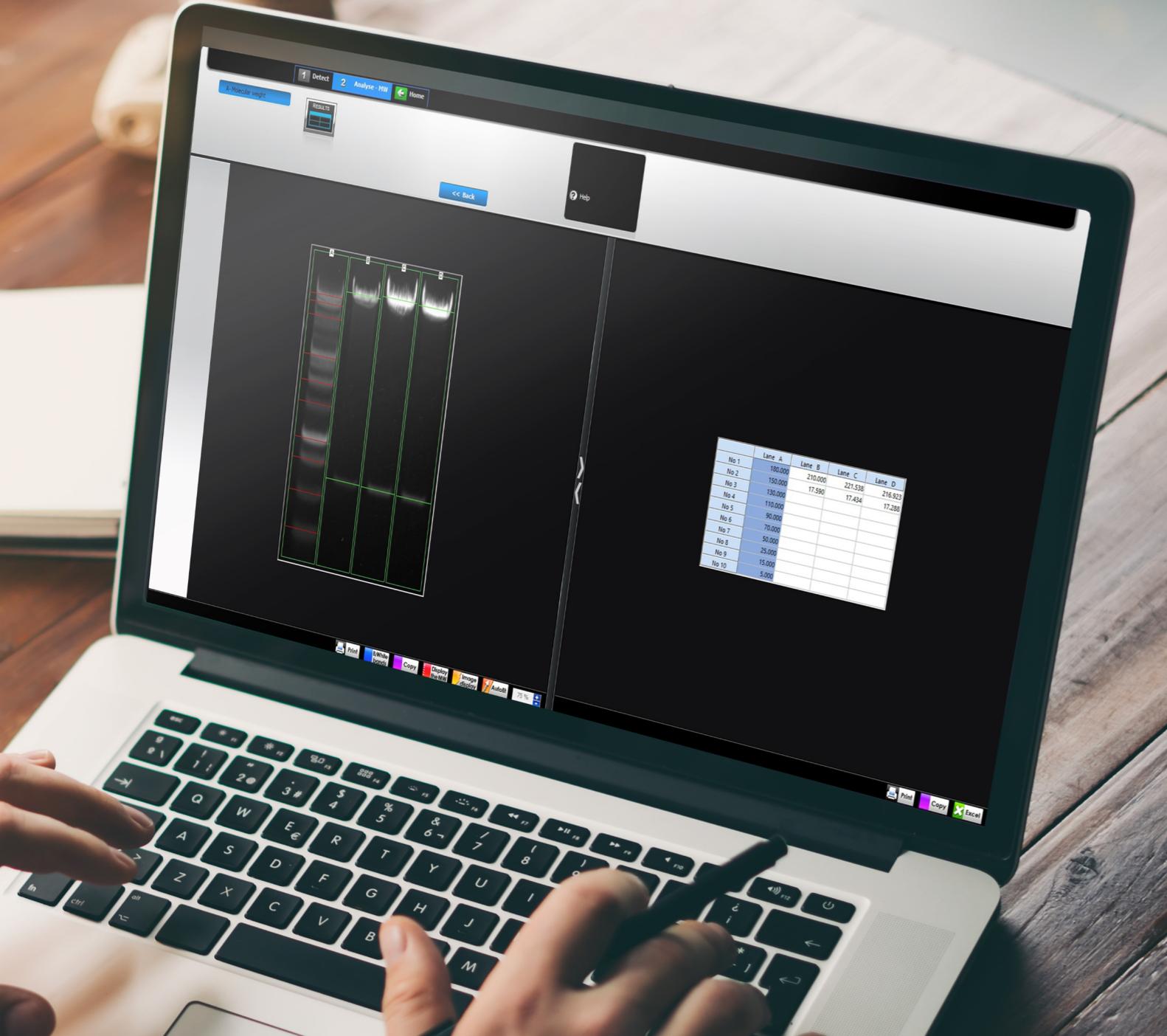
- Real on-board computer
- 12.1" high-end HD touch screen
- Top-quality 16/9 LCD panel

Darkroom

- Stainless steel dark room for long-lasting, robust instrument
- Chemical resistant epoxy paint coating
- Full door aperture for easy darkroom access
- 100% computer-controlled darkroom
- Interchangeable Pad options



DESIGNED TO LAST



UNRIVALLED PERFORMANCE

With over 25 years of experience and expertise in imaging systems, UVITEC Cambridge offers a system with unique specifications that render our UVIDOC HD6 unparalleled to the market.

10 megapixels imaging : get the best resolution for your research

UVIDOC HD6 comes with a resolution of 10 megapixels, ensuring a beautiful and crisp HD image of your gel. Save all your photos directly in TIFF format for further analysis or editing on your desktop computer.

Collect more light

An aperture of f/1.20 combined with passive cooling provided in our UVIDOC HD6, ensures a significant noise reduction thus increasing sensitivity and allowing visibility of all your bands. UVIDOC HD6 is one of the best imagers, capturing as much grey levels as possible ensuring greater research accuracy.

Choose the most reliable optics

With a 16-bit camera (65, 635 grey levels) and a dynamic range of 4.8 OD, observe your most sensitive and strongest signal in one image for ideal quantification.

Our unique features at a glance

Optics

- 10-megapixel enhanced resolution
- 6-megapixel native camera resolution
- 16-bit pixel depth, 65,535 shades of grey
- f/1.20, panoramic lens
- Fully auto optics with software-controlled lighting,
- Motorized focus and exposure
- 4.8 dynamic range (OD)
- Passive cooling for significant noise reduction

THEY TRUST US

More than 10.000 users worldwide

• Practicality

1-touch to image > Voice Control option

No manual control > hands-off, automated routines

Fully slide-out tray > interchangeable pad

26x21cm FOV > large field of view for larger samples

• Optics

10 MP resolution > publication-level images

16-bit scientific grade camera > 65,535 grey levels

26 x 21 cm F.O.V. > wide imaging area

Passive cooling > reduced noise

• Design

Giant 12.1" HD screen > larger images

3.0 USB, LAN, optional WiFi > fully networkable

Real on-board computer > way more powerful than tablets

Stainless steel > long-lasting, robust instrument

• Light sources & filters

Transilluminator in 312nm and 312+365nm > wide choice of light sources

Trans-white and trans-blue LED Pads > versatile system

4-position filter wheel with a choice of 10 filters > F590 included (535-645 nm)

Optional conversion screens (UV-White, UV-Blue) > unlimited applications

Dims > Height: 785 mm - Width: 380 mm - Depth 475 mm - Weight > 33 Kg (27 Kg without Pad) - FOV > 21 x 26 cm

▶ Fluorescence

Ethidium Bromide®, GelRed®, GelGreen®, SYBR Safe® & Green & Gold®, Sypro Ruby®, Emerald®, Midori Green®

▶ Visible Imaging

Coomassie Blue®, Cooper®, Silver-stained®, Red Ponceau®, Petri Dish® colonies & colony counting®, Colorimetric Blots





BORN FROM A PASSION TO REVEAL YOUR GELS WITH SIMPLICITY, THE UVIDOC HD6 IS THE LATEST SYSTEM FOR DNA AND RNA GEL IMAGING. VISUALIZE AND ANALYZE YOUR SAMPLE IN ONE CLICK VIA OUR ADVANCED SOFTWARE.

THE UVIDOC HD6 OFFERS YOU THE BEST TECHNICAL SPECIFICATIONS, MAKING IT A COMPELLING CHOICE FOR YOUR RESEARCH.

GAIN CONFIDENCE IN YOUR RESULTS,
PUSH THE BOUNDARIES OF YOUR GELS DETECTION.

Make It Visible

Uvitec Cambridge

Ask for a demo

WWW.UVITEC.CO.UK

UVI@UVITEC.CO.UK