



OMNIDOC FEATURES:

- Pre-focused 5 mega pixel camera with auto-exposure for almost instantaneous high resolution gel imaging; CMOS sensor for improved light sensitivity
- 6mm lens, F1.2 aperture size, with manual adjustment
- Interchangeable filter slide with 620nm ethidium bromide filter as standard; 520, 560 and 580nm filter options available for runSAFE, SYBR stain and other fluorescence applications
- Viewing pane with universal amber filter for gel inspection, which may be covered by a spring-loaded panel during documentation
- Internal white LED – aids gel positioning and focusing
- Slide-out 312nm transilluminator; uses optional plug-in white light table for coomassie, silver-stain and other colorimetric gels
- Large 21x26cm filter area



omniDOC and omniDOCi

Two new systems for affordable, high performance gel documentation and analysis

omniDOC

The omniDOC is the first of two new systems from Cleaver Scientific offering high performance gel documentation and analysis at a relatively low cost. By providing many of the features used by leading gel documentation brands, but without the added price premium, each omniDOC system presents a simple but sophisticated imaging solution for most laboratories. A high resolution 5 mega pixel camera with slide-out UV transilluminator, and optional blue epi-illumination module and white light table, makes the omniDOC suitable for imaging most fluorescent and colorimetric gels, while a USB port requires a cable to connect the dark room assembly to an external PC for control. Imaging applications are made easy by a pre-focused camera that requires little or no manual adjustment, while simple one-click image acquisition and analysis software guides the user through every step of the gel documentation process. A front LED indicator panel reveals at a glance the light source in use, whereas a viewing screen with universal filter and spring-loaded cover facilitates safe and convenient gel inspection.



omniDOCi

The omniDOCi shares all of the same features of the standard omniDOC, but with the added benefit of wireless connectivity to a remote laptop or tablet. Simply install the omniDOC image acquisition and analysis software on a laptop or tablet, place the gel on the transilluminator or white light table within the darkroom, and then begin image capture, using your preferred excitation source and filter, either by 'pressing' the tabs on the omniDOC's front panel colour touchscreen, or by following the prompts within the software on your laptop or tablet. Once image acquisition is complete the gel may be analysed immediately using the complimentary analysis software included, or saved for later to perform analysis at a more convenient time and place. The software is downloadable as an app to iPad, and Windows and Samsung Android tablets to provide full touchscreen remote control, making the omniDOCi probably the most portable and versatile imaging system on the market.



omniDOCi

3.5" 64K colour TFT display shows at a glance the excitation source in use, and provides full manual touchscreen control of the excitation source, UV intensity and exposure time.



omniDOCi wireless remote control possible through multiple portable devices

OMNIDOCi FEATURES:

- Accessory white light table and blue lights allow easy switching between ethidium bromide, safe stained and protein gels
- Dark room assembly with corrosion resistant ABS construction
- Safety switch – prevents accidental UV exposure when opening front door panel
- Power on-off switch
- USB port for PC connectivity in omniDOC, and used for maintenance and installation of updates in omniDOCi
- Wi-Fi connection for wireless remote control and image transfer to complimentary image acquisition and analysis software downloadable as an App (in omniDOCi models only) or supplied on disc for installation onto a laptop or PC (omniDOC and omniDOCi)

VISIT WWW.CLEAVERSCIENTIFIC.CO.UK
OR CALL +44 (0) 1788 565300
FOR MORE INFORMATION

TYPICAL APPLICATIONS

Documentation and analysis of DNA, Safe Stained and Protein gels

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