

uvisave

gel documentation system



All the flexibility of an instant photography system, combined with the speed, versatility and precision of a video documentation system. Works with any UV or white light transilluminator. Simply place camera hood over gel, optimise image whilst viewing it on the built-in 4" LCD screen, freeze image, then print to video printer or save on floppy disk.

Unlike instant photography and digital camera systems, video documentation systems allow the optimisation of your gel image before you produce a print. This means no more wastage of time and expensive photographic film while you attempt to produce the best possible image. With Uvisave, you can adjust zoom, aperture, focus and exposure time and see the effects of the adjustments before image capture. This reduces the cost of an optimised image 'hard copy' from as much as several pounds with instant photography, to a few pennies with Uvisave. Also, since you can see an instant preview of any image adjustments, the entire process takes only seconds.

What is more, Uvisave includes a disk-drive unit, which allows the captured image to be saved as a computer file (TIFF format), opening up a huge range of modification, printing and analysis options. UVgeltec software is supplied for this purpose.

Ordering

GAS9200	Camera, zoom lens and filter, hood + control unit, UVgeltec software
GAS9201	Camera, zoom lens and filter, hood + control unit, UVgeltec software, Mitsubishi P93 printer
GAS9202	Camera, zoom lens and filter, hood + control unit, UVgeltec software, transilluminator (BXT-15M), Mitsubishi P93 printer
GAS9203	Camera, zoom lens and filters, hood + control unit, UVgeltec software, transilluminator (BXT-20M), Mitsubishi P93 printer

- The world's simplest gel documentation system
- Portable and versatile with no compromise on quality
- Flexible – use with any transilluminator
- Ultra-compact, rapid and easy to use
- Saturation monitor now included

uvichrompro

UVIchrom-pro is an inexpensive system, specially designed for PC-based documentation and analysis of thin layer chromatography (TLC) plates. It is similar to the UVIpro system (see p4), but has a different darkroom cabinet and UV light source, plus a slightly modified software package in which the Molecular weight analysis function is replaced by Rf value calculation.

The UVIchrom darkroom hood is designed for efficient overhead UV illumination and imaging of thin layer chromatography plates. It incorporates four powerful (15 watt) UV tubes of optional wavelengths, positioned two on each side, above and close to the sample for maximum efficiency and uniformity of illumination. The camera is fixed to a special central mounting unit. White light illumination to aid sample positioning is also incorporated into the hood. The cabinet will allow imaging of plates in excess of 20 x 20cm.

UVIchrom can also be used with a high quality (3 CCD chip) colour camera and a dye sublimation printer. These can be supplied (at additional cost) in place of the standard 8-bit monochrome CCD camera and b+w thermal printer.

In addition to the standard, PC-based UVIchrom-pro system (PAS-5000), there is also a stand-alone (UVIdoc-type) system, the UVIchrom-doc (PAS-4000). This has the same darkroom cabinet, camera and printer as the UVIchrom-pro, but the PC acquisition card and software are replaced by a stand-alone control unit offering the same features and functions as the UVIdoc system (see p2). UVIchrom-doc is not available with the colour camera and printer option.

Ordering

PAS-5000: UVIchrom darkroom cabinet, acquisition board and software (including Rf value calculation), CCD camera, 8-48mm zoom lens, F-590 filter, Mitsubishi P93 thermal printer

PAS-4000: UVIchrom darkroom cabinet, Doc 010XD control unit, CCD camera, 8-48mm zoom lens, F-590 filter, Mitsubishi P93 thermal printer, UVIchrom PC software (includes Rf calculation).



- Simple, low cost system specially designed for TLC plate documentation
- Specially designed darkroom cabinet for efficient and powerful overhead illumination of TLC plates
- Specially adapted UVIpro software allows basic image analysis with Rf value calculation for TLC spots
- Optional 3 CCD Colour Camera plus Dye Sublimation printer for exceptional results