DigiGenius

Flexible digital imaging systems

The DigiGenius offers reproducible, high resolution digital images for gel documentation.

The system is easy to use and allows you to capture and view real-time images directly on your PC.

DigiGenius is ideal if you have a limited budget because you can purchase the basic system and then add a UV transilluminator, conversion screen, safety hood or mini darkroom and printer, as well as Syngene's industry leading GeneTools analysis software, as the need arises.

AFTER-SALES SUPPORT

SYNGENE
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The DigiGenius offers you:

- Cost-effective, quality digital imaging
- High resolution camera
- Full PC/Mac control of camera
- Flexibility to add Syngene hardware and software
- Innovative mini-darkroom option
- Programmable and reproducible capture settings
- Real-time imaging using your PC or Mac

How you can use a DigiGenius

This system is used with a UV transilluminator that provides illumination from below the gel. This is the usual configuration for looking at Ethidium bromide DNA gels. Other options include the use of transmitted visible or blue light, and even overhead Epi UV, blue or white light. These flexibile lighting options make the DigiGenius suitable for generating images of a wide range of fluorescent samples.

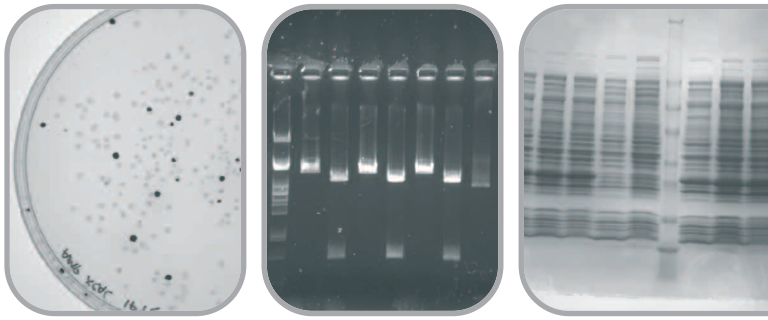
Using a DigiGenius you can produce images of electrophoresis gels stained with any of these dyes and more:

Ethidium Bromide • Coomassie Blue • Silver Stain • SYBR® Gold • SYBR® Green • SYBR® Safe • GelStar® • Sypro® Red • Sypro® Ruby • Sypro® Orange • Fluorescein • Rhodamine Red™ • Texas Red® • Pro-Q® Diamond • Deep Purple™

As new dyes are released, we work to optimise their use with a DigiGenius, so please check out our website or contact our technical support team if you need information on imaging dyes.

The DigiGenius is also suitable for viewing and capturing images from any of the following:

Agar plates of dark, light or two colour colonies • Cells in flasks • Autoradiographs • DNA, RNA or protein on membranes • Spot and slot blots of DNA, RNA or protein • TLC plates • Cells or solutions in microtitre plates • DNA or protein macroarrays



Features	Benefits
Digital camera	**High quality images with precise band separation**
Budget system with choice of hardware and software	**Cost-effective method of upgrading as fluorescent applications change**
Mini darkroom option	**Protects against UV exposure**
Interface to PC or Mac	**Full control of camera for image capture and viewing**

To meet your ever changing imaging needs, the exact specifications of our systems are constantly being upgraded.

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