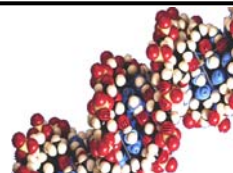


U:Genius – compact imaging system



If you are looking for a compact and powerful imaging system for gel documentation and don't want yet another PC in your laboratory, then U:Genius is the system you've been waiting for.

Based on Syngene's latest imaging technology, U:Genius allows you to instantly capture, print and save your images for archiving or further processing.

At the heart of U:Genius is an integral processor which uses embedded Windows XP. A large touch screen flat panel gives instant access to a wide range of imaging functions. Images can be saved to the large on-board hard disk, or to a memory stick via the USB port. The U:Genius can also be networked using the standard Windows XP network features.

The U:Genius offers you:

- A high specification gel documentation system for the entry level user
- Large touch screen for crystal clear images
- Impressive 2m pixel resolution
- Internal image storage with a 60GB hard disk and storage to memory stick
- 3 USB2 ports for both input and output
- Powerful neutral fielding algorithm for perfect background correction
- Manual zoom lens and filter drawer for a wide range of applications
- No computer required – integral processor uses embedded Windows XP operating system
- Large sliding cabinet door for easy access to chamber
- Built-in white light illumination
- Saves images to TIF and BMP format
- Easy network connection



The U:Genius functions include:

- One button image capture
- Auto exposure button
- Exposure time settings
- Saturation detection
- Pseudo colour display modes
- Image zoom control
- Image sharpening
- Image inversion
- Neutral fielding
- Extended dynamic range for 16 bit images

U:Genius

How you can use a U:Genius

With U:Genius you use a UV transilluminator to illuminate your gels. The versatile design of the darkroom accommodates most bench top size transilluminators. With a white light or blue light converter you can extend the range of samples that can be used with U:Genius.

Using a U:Genius you can produce images of electrophoresis gels stained with any of these dyes: 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® Emerald • Pro-Q® Diamond • Deep Purple™

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

The U:Genius 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

Benefits

- Rapid image saving and upgrading of software
- Capable of viewing a broad range of fluorescent stains
- Easy imaging of protein gels, autoradiographs and colony plates
- Saves money by allowing use of most existing bench-top transilluminators
- Simple to transfer images to any PC or Mac
- Saves time by automating analysis of gels, colony plates and blots
- Can be connected to any USB printer

Features

- Hard disk, USB2 and network
- Filter drawer with optional interchangeable filters
- UV to white light converter screen
- Universal darkroom
- Save images in TIFF or BMP format
- GeneTools analysis software included
- Operate via high specification touch-screen or connect a mouse if preferred

CONTACT SYNGENE:

EUROPE
BEACON HOUSE
NUFFIELD ROAD
CAMBRIDGE
CB4 1TF

IN USA:
5108 PEGASUS COURT, SUITE M
FREDERICK
MD 21704

Tel: +44 1223 727123
Fax: +44 1223 727101
Email: sales@syngene.com

Tel: 800 686 4407/301 662 2863
Fax: 301 631 3977
Email: ussales@syngene.com

www.syngene.com

