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SYNGENE PRODUCT GUIDE

Please refer to www.syngene.com for all ordering information

SYNGENE
A DIVISION OF THE SYNOPTICS GROUP

Syngene is a world-leading supplier of gel documentation systems for rapid, accurate imaging and analysis of 1D DNA gels, 1D and 2D protein gels and blots, chemiluminescent Western blots, fluorescent dye blots, multiplex gels and infra-red blots.

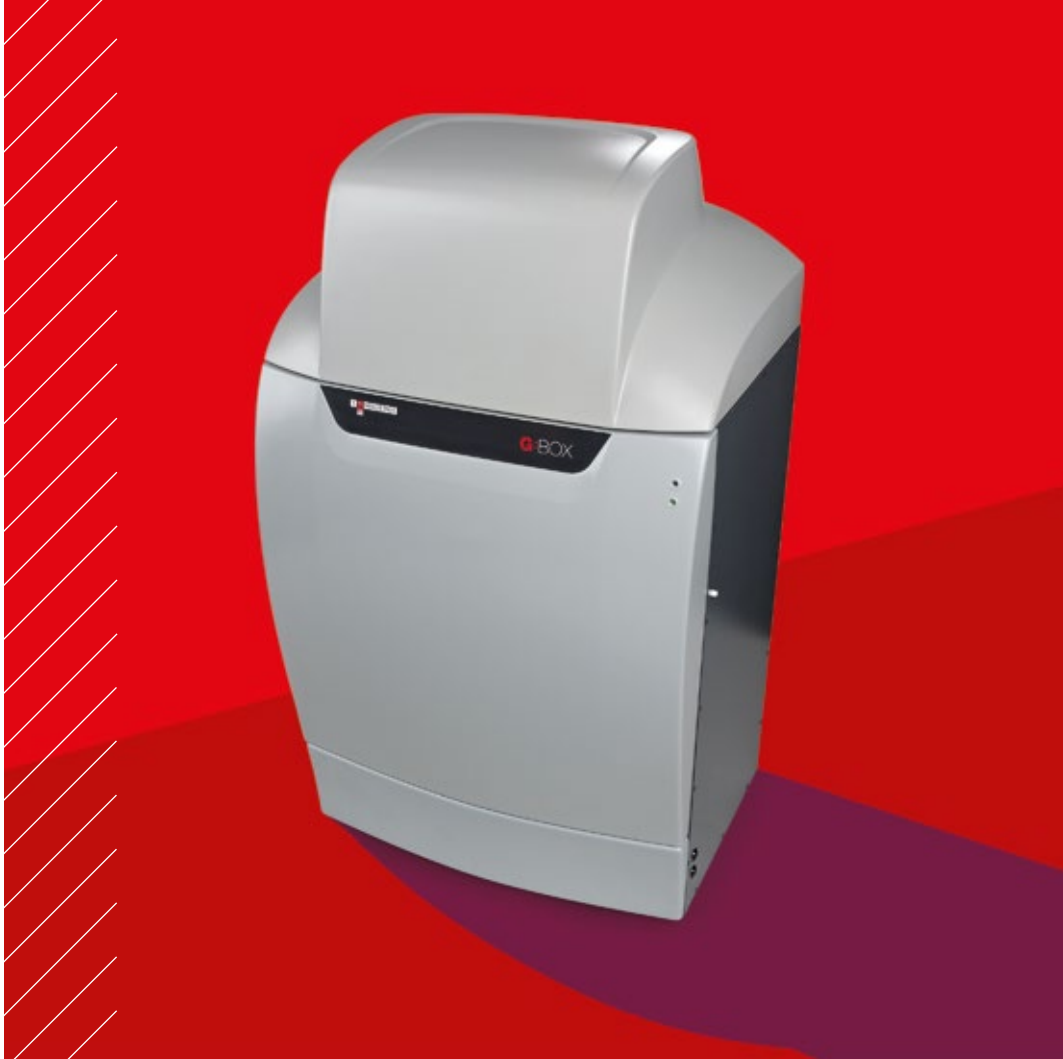
Our systems are used globally by more than 75,000 scientists and successfully contribute accurate data to important projects in many of the world's top pharmaceutical and research institutes.

This Guide gives a quick overview of our current systems. Contact us or visit our website for full details of our complete product range.

The **G:BOX** gel documentation and analysis system is available in a standard or extended darkroom with motor driven sample stage in configurations for fluorescence, visible, chemiluminescence, IR and 2D applications. You can choose from a range of camera/ lens options depending on the level of performance or for specific budget requirements. A wide range of lighting options are available which cover UV, visible, safe blue, green, red and infra-red applications.

G:BOX

- **Modular system**
- **Uses acclaimed GeneSys automatic control software**
- **Choice of camera/lens from 3.8m - 9m pixels**
- **All Chemi systems have exceptionally high QE cameras**
- **Motor driven optics**
- **Auto exposure**
- **User protocols**
- **Neutral fielding**
- **Range of lighting options**
- **7 position motor driven filter wheel**
- **Unlimited copies of GeneTools analysis software**



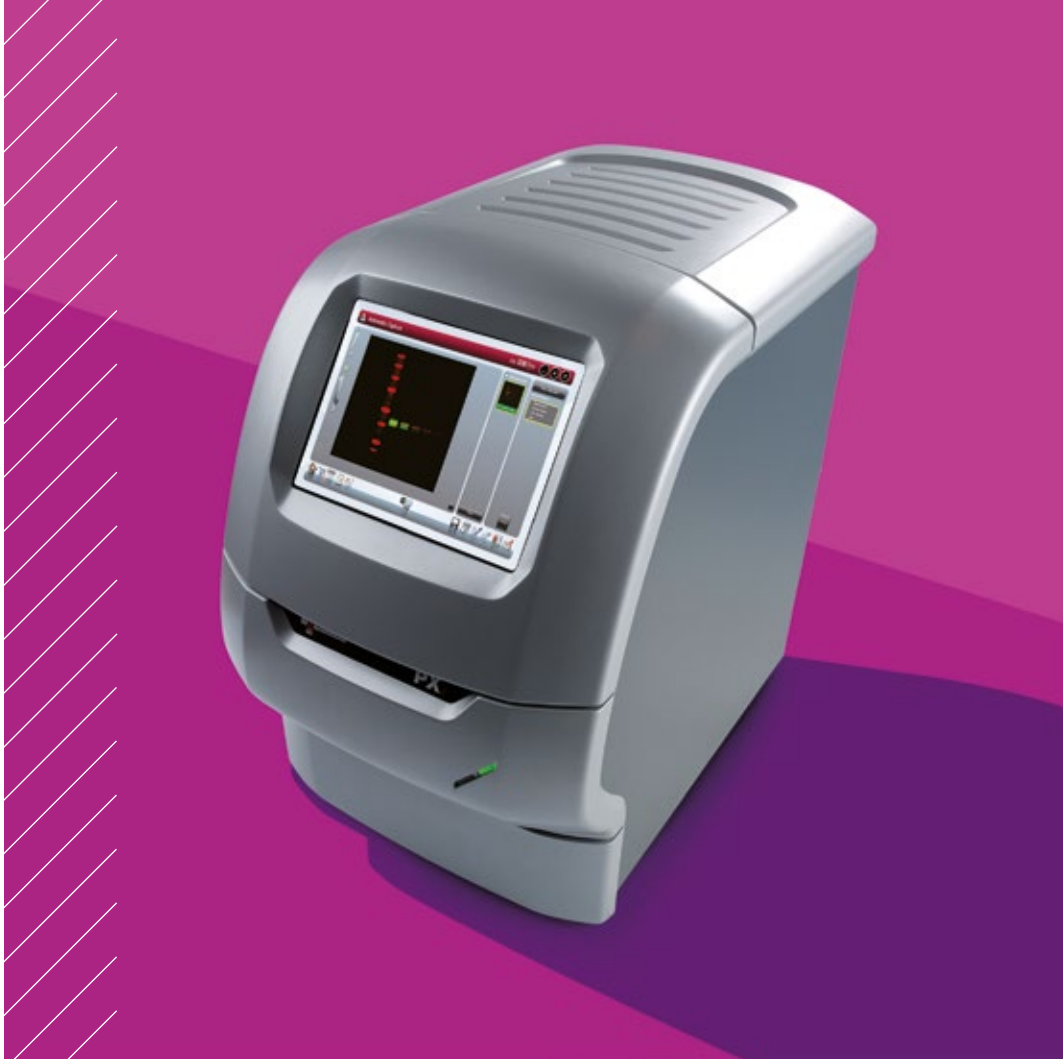
PXi

PXi/PXi Touch are high resolution, multi-application image analysis systems. They are compact, easy to use and offer full automation in the capture of chemiluminescent and fluorescent blots, visible gels and blots and can image 2D gels (small format).

PXi/PXi Touch are available in three versions with a 4, 6 or 9 million pixel image resolution and suitable lens. The **PXi Touch** has its own built-in touch screen and processor whereas the **PXi** is used with an external PC.

PXi/PXi Touch can be used for a wide range of applications. A number of lighting options can be utilised including infra-red illumination, red light, blue light, green light, the UV transilluminator or the UltraSlim blue LED transilluminator.

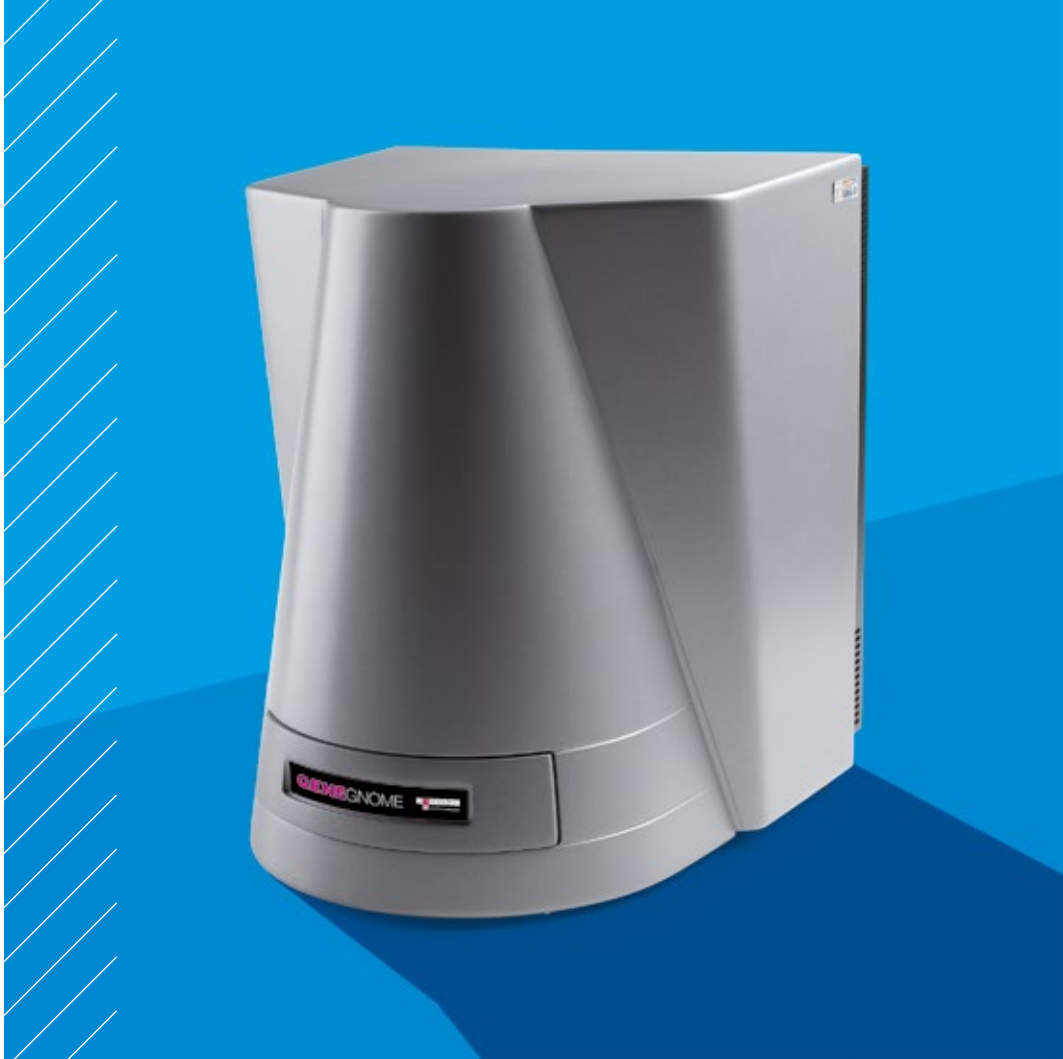
- **Exceptional sensitivity using high QE cameras**
- **Resolution of 4, 6 or 9 million pixels**
- **Built-in processor and 'touch screen' versions**
- **Range of lighting options**
- **Small footprint**
- **Suitable for small format gels and blots**
- **Motor driven 7 position filter wheel**
- **Neutral fielding**
- **User protocols**
- **Unlimited copies of GeneTools analysis software**



GeneGnome XRQ is a dedicated, high performance bio imaging system for chemiluminescence applications. It completely automates the process of imaging chemiluminescence samples, providing superbly accurate results. It is extremely easy to use, thanks to the powerful GeneSys image capture and editing software. **GeneGnome** has an integral white light for use with colorimetric markers.

GENEGNOME

- **Specifically designed for chemiluminescence applications**
- **High resolution cooled 16 bit camera**
- **Extremely high QE @ 425nm**
- **Fixed focus and aperture lens f0.95**
- **Unique GeneSys control software**
- **Automatic slide-out drawer**
- **Unlimited copies of GeneTools analysis software**



The **T:Genius** is an integrated system for DNA, protein analysis and gel documentation, and features an optional integrated tablet PC running the highly acclaimed GeneSys automated control system for image capture and editing.

A new generation CCD camera enables you to select an image output of up to 12.9m pixels. **T:Genius** uses an f1.0 motor driven zoom lens to enable perfect imaging of any gel or blot size. The maximum viewing area is 24 x 20cm which is very large for such a small footprint unit.

Internal lighting options include a UV transilluminator for working with DNA gels. A white light converter can quickly extend its use for working with visible gels and blots.

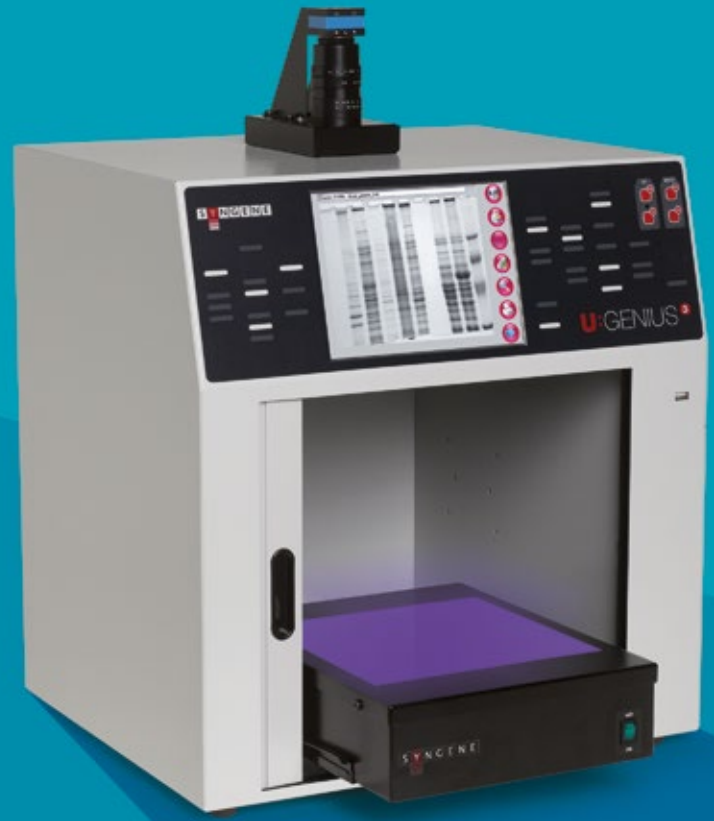
T:GENIUS

- **Small footprint**
- **Integral tablet control using GeneSys**
- **Complete with GeneTools analysis software**
- **3.2m pixel camera**
- **Motor driven zoom lens f1.0**
- **3 position filter selector**
- **Integral epi white and blue light**
- **Colour choice - hot chilli red, cool ice blue, bright crystal silver**

U:Genius 3 and **U:Genius 3 EZ** are compact imaging systems for gel documentation. **U:Genius 3** provides an intelligent image capture and storage system. A large touch screen gives instant access to a powerful range of functions using simple icons. Images can be saved internally or to a USB memory stick. The system can also be networked. The **U:Genius 3 EZ** comes with motor driven optics.

U:GENIUS 3

- **USB and network compatible**
- **Filter drawer for interchangeable filters**
- **Large touch screen**
- **Annotation function**
- **Saves images to TIFF, BMP, JPEG formats**
- **GeneTools analysis software**
- **Optional UV or blue light transilluminator**



The **InGenius 3** gel documentation and analysis system is compact and easy to use. The system has a small footprint darkroom featuring a CCD camera, manual zoom lens and a filter drawer.
Internal lighting comes from an optional UV or blue light transilluminator (for safe dyes), both of which can slide in and out of the darkroom for ease of access.

INGENIUS 3

- **Low cost**
- **Filter drawer for interchangeable filters**
- **UV or blue light transilluminator option**
- **GeneTools analysis software included**
- **GeneSys control software included**