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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.

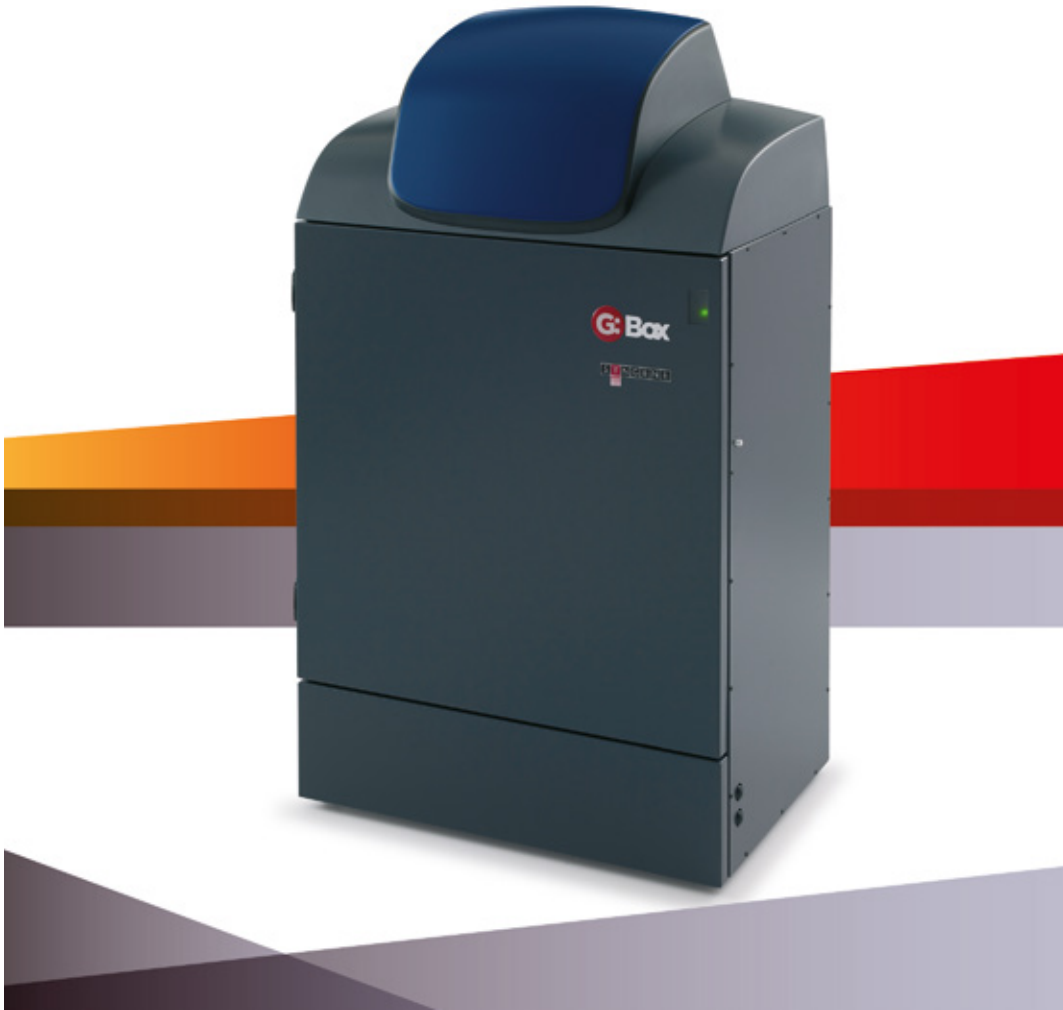
Our systems are used globally by more than 75,000 scientists and successfully contribute accurate data to important projects in many of the world's top pharmaceutical and research institutes.

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 Chemi** 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 CHEMI

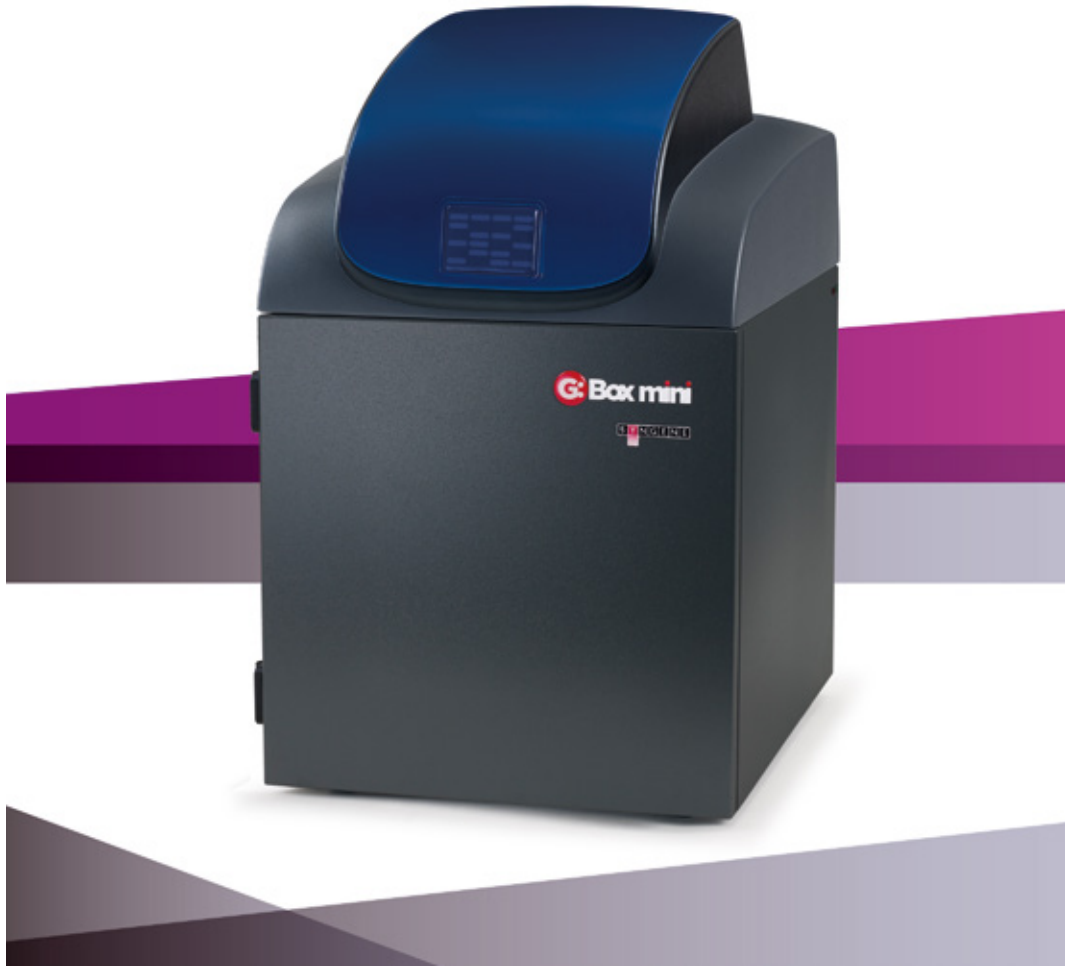
- **Modular system**
- **Choice of camera/lens - 4,6,9m pixel image resolution**
- **Choice of f0.95 or f0.8 lens on 6 and 9mp systems**
- **All Chemi systems have exceptionally high QE cameras**
- **Motor driven optics**
- **Auto exposure**
- **User protocols**
- **Dynamic fielding**
- **Range of lighting options**
- **Uses acclaimed GeneSys automatic control software**
- **Unlimited copies of GeneTools analysis software**



The **G:BOX mini** imaging system is a compact, multi-application powerhouse for accurately imaging fluorescence and visible gels, multiplexed fluorescence westerns, stain-free gels and chemiluminescent blots. **G:BOX mini** features the option to use not just white LEDs, but multi-colour, blue, green, red and infra-red high intensity LEDs giving you faster captures and brilliant multiplexed fluorescence images. Combining a unique motorized stage and cooled, high resolution 6 or 9m pixel camera, the **G:BOX mini** generates true to life, accurate optical images.

G:BOX MINI

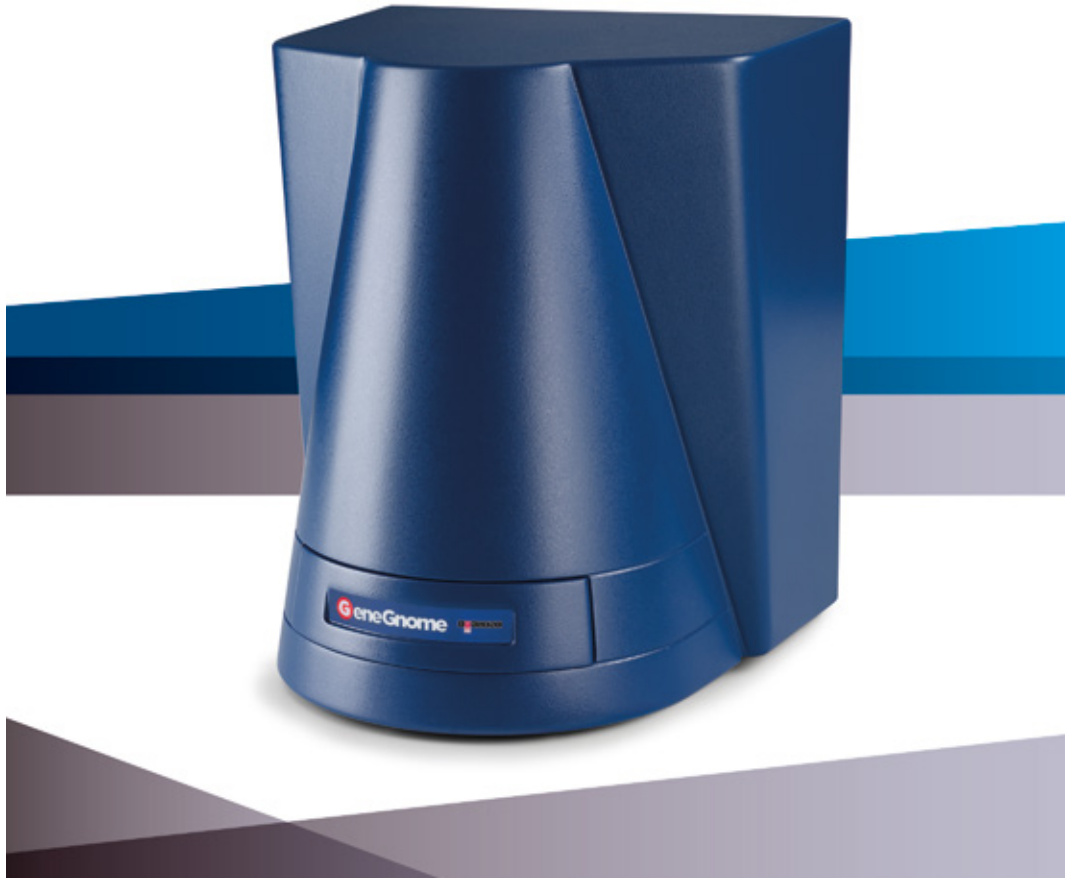
- **Small footprint**
- **RGB and IR HI-LED lighting options**
- **White, UV and blue lighting options**
- **Choice of 6 or 9m pixel resolution high quantum efficiency camera**
- **F/0.95 motor driven lens with data feedback**
- **Automatic motor driven stage with automated focus**
- **Available with cleverly designed screen mount option**
- **GeneSys automatic control software**
- **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

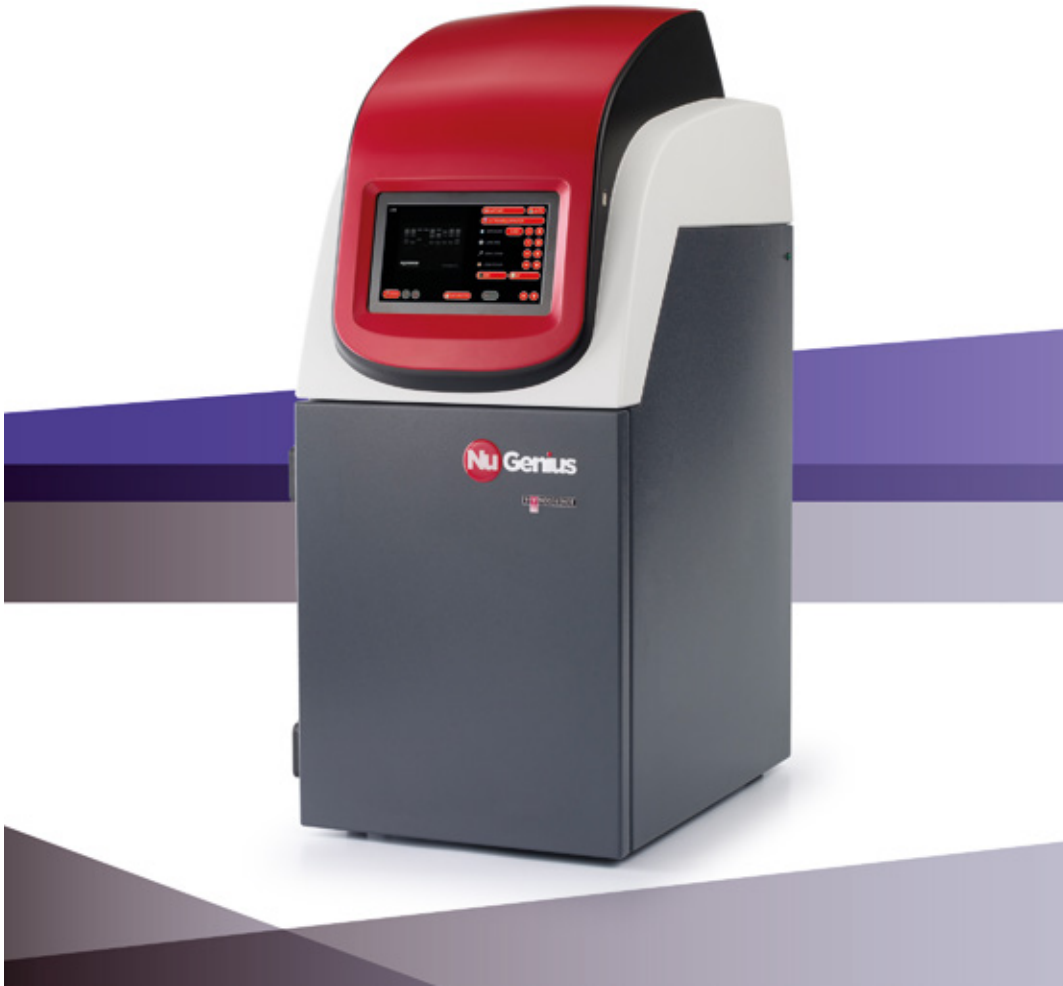
- **Specifically designed for chemiluminescence applications**
- **High resolution cooled 16 bit camera**
- **Extremely high QE @ 425nm**
- **Fixed focus and aperture lens f0.95**
- **Automatic slide-out drawer**
- **Unique GeneSys automatic control software**
- **Unlimited copies of GeneTools analysis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



NuGenius is a new generation, low cost, integrated system for DNA/protein analysis and gel documentation. It features an integrated 7 inch touch screen and a built-in processor running **NuGenius** software for image capture and editing. A new ground breaking 5 million pixel camera gives exquisite pixel resolution and unrivalled sensitivity. **NuGenius** uses an F/1.2 motor driven zoom lens to enable perfect imaging of a range of gel or blot sizes. The maximum viewing area is 20x24cm which is very large for such a small, compact unit.

NUGENIUS

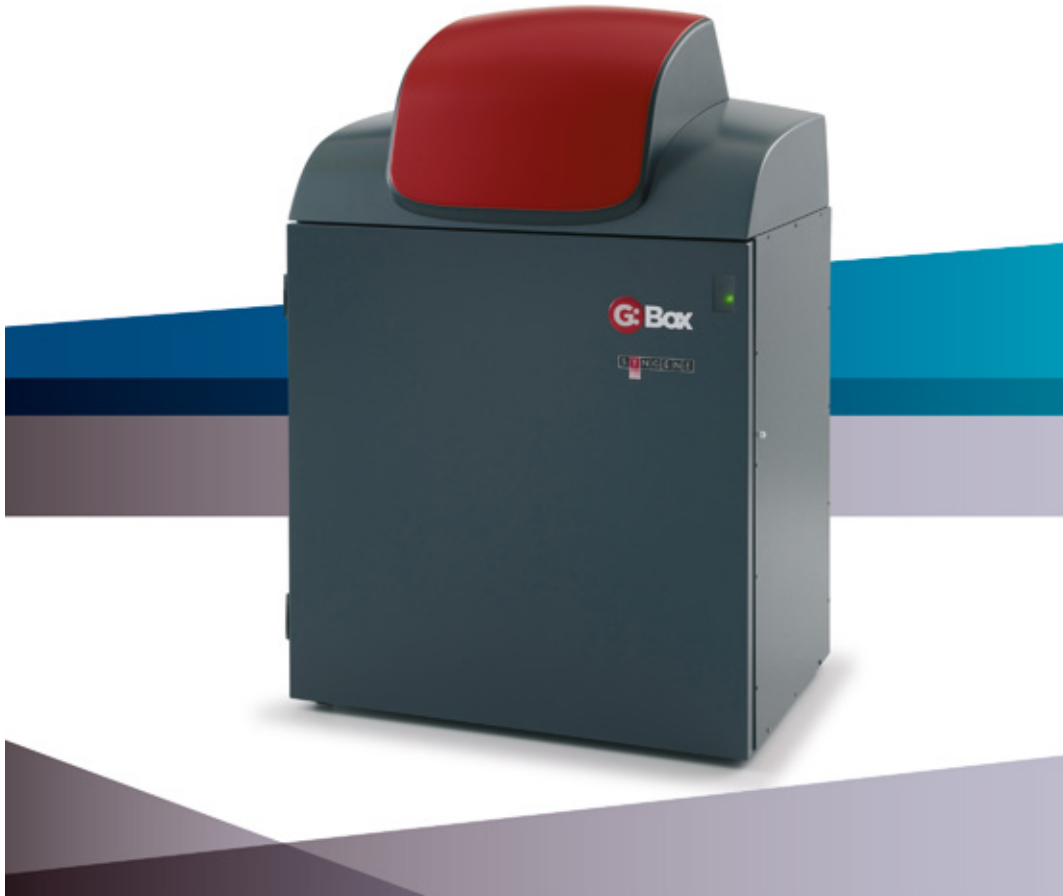
- **Compact workstation**
- **Complete with built-in processor, touch screen and NuGenius software**
- **Motor driven zoom lens**
- **5m pixel camera**
- **White, UV and blue lighting options**
- **Networking connectivity option**
- **Stain-free option available with NuGenius+**
- **Unlimited copies of GeneTools analysis software**



The **G:BOX F3** gel doc system is an entry level system for fluorescence and visible applications. It has a high resolution 5m pixel camera which is capable of giving outstanding images with incredible spatial resolution. The **G:BOX F3** gel documentation system has a stylish modular design and includes a motor driven zoom lens as standard, as well as a motor driven filter wheel. Internal lighting comes from an optional UV transilluminator or a blue light LED model to further extend the applications possible with the **G:BOX F3**.

G:BOX F3

- **Spacious darkroom - view up to 24.1x32.5cm gels**
- **5m pixel camera**
- **Motor driven zoom lens and filter wheel**
- **Feedback lens option**
- **White, UV and blue lighting options**
- **GeneSys automatic control software**
- **Unlimited copies of GeneTools analysis software**



The **InGenius 3** gel documentation and analysis system is compact and easy to use. The system has a small footprint darkroom featuring a 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

- **Small footprint**
- **3m pixel camera**
- **Manual zoom/focus/iris**
- **Filter drawer for interchangeable filters**
- **UV or blue light transilluminator option**
- **GeneSys automatic control software**
- **Unlimited copies of GeneTools analysis software**