

**NEWS RELEASE - FOR IMMEDIATE RELEASE****Date: 22.11.07****Image Attached****-Copy Starts-****Next Generation Multi-application Imaging and Analysis System  
*Perfectly Combines Accuracy with Versatility***

**Cambridge, UK:** Syngene, a world-leading manufacturer of image analysis solutions, is delighted to introduce the new version of the G:BOX Chemi XT16 automated chemiluminescence and fluorescence imaging and analysis system, featuring many innovations to make it the most sensitive and flexible system available in its class.

Inside a newly designed light-tight darkroom, the G:BOX Chemi XT16 has the latest 16 bit camera with a new f 0.95 variable aperture lens, making it possible to quickly and easily produce accurate images of large gels and blots. To save time, the G:BOX Chemi XT16 also has PC control of its motor driven stage which allows the system to memorise and feed back set positions for specific applications. The camera, a highly sensitive 6.3 effective mega pixel resolution is ultra cooled to guarantee the G:BOX Chemi XT16 will separate close band and spot images with virtually no background noise, even when imaging chemiluminescence blots for long exposure times.

Additionally, the new G:BOX Chemi XT16 darkroom comes with a state-of-the-art overhead EPI white lighting module, a UV to Visible light NovaGlo converter screen and a 20cm x 20cm UV transilluminator (other sizes available) to allow rapid and accurate imaging of common DNA and protein stains such as Ethidium Bromide, SYBR<sup>®</sup> Green, SYBR<sup>®</sup> Safe, Coomassie Blue, Deep Purple<sup>™</sup>, Pro-Q<sup>®</sup> Diamond, silver stain and SYPRO<sup>®</sup> Ruby. For additional imaging applications the G:BOX Chemi XT16 can easily be fitted with Syngene's new Epi RGB LED lighting, dual UV Epi or blue Epi lighting, precision filters and a blue light converter screen ensuring its suitability for accurately imaging a host of different sample types.

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## ***Next Generation Multi-application Imaging and Analysis System cont...***

Laura Sullivan, Syngene's Divisional Manager commented: "We are pleased with our updated G:BOX Chemi XT16 as its new features mean the system is not only the most sensitive of its type on the market for chemiluminescence, but is also excellent for many fluorescence imaging applications. Scientists demanding premier imaging performance to help increase the accuracy and speed of their molecular biology research need look no further than a G:BOX Chemi XT16."

**-Ends-**

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## **Note to Editors**

### **About Syngene**

Syngene is a world-leading supplier of integrated imaging solutions for analysis and documentation of gel-based information. Syngene's systems are used by more than 10,000 research organisations and over 50,000 individual scientists world-wide and include many of the world's top pharmaceutical companies and major research institutes.

Syngene, founded in 1997 is a division of the Cambridge based Synoptics Group. The Group's other divisions, Syncroscopy and Synbiosis, specialise in digital imaging solutions for microscopy and microbial applications respectively. Synoptics currently employs over 50 people in its UK and subsidiary operation in Frederick, USA.