冷光影像系統
Chemiluminescence Imager

【儀器原理及功能】 【正常】

Chemiluminescence imager is an image acquisition system dedicated to the capture of chemiluminescence gel images. Using the most advanced cooled CCD technology in combination with a state of the art optical lens, the Chemi-Smart 5000 offers a very high sensitivity and an extended dynamic range.

Chemi-Smart 5000 is especially designed to be very simple to use. It is so intuitive that everyone in the laboratory can use it without having extensive training. Just load the chemi-sample into the darkroom, adjust the optics and launch the image acquisition, according to your protocol.

Data produced by the Chemi-Smart 5000 are directly compatible with the broad range of image analysis software developed by Vilber Lourmat. This includes Bio-1D for 1D gel quantification and Bio-Gene. These software packages provide accurate quantification and clear analysis reports with just few clicks.

【儀器說明】

廠牌及型號：

型號：Chemi-Smart 5000，法國 Vilber Lourmat 公司

性能：

　　　Automatic image capture mode Latest generation of cooled CCD sensor that may have high sensitivity for low limits of detection Ingenious multi-positions tray system to keep your sample and as close as possible to the camera sensor Outstanding quantum efficiency for chemiluminescence and applications Unrivalled sensitivity at full resolution, making the binning and mode unnecessary Brightest fixed lens (f:0.95) for very high light & transmission efficiency Convenient darkroom especially developed for and chemiluminescence Double cooling barrier for enhanced signal to noise ratio Large sample size (20x26cm)

購置日期：93.12.03

購置價：988,000 元

經費來源：教育部

【服務項目】

冷光影像攝影和分析

【申請辦法】

須提前 1 日申請，每星期一至五上班時間，請電陳鵬文教授(05)2717747

【樣品準備須知】

1、樣品自備

2、耗材代購

【收費標準】

服務工本費每次 200 元、特殊需求另議

【聯絡方式】

農業生物科技學系暨研究所　陳鵬文教授　電話：05-2717747

【儀器室地點】

國立嘉義大學農業生物科技學系精密儀器室

【儀器之 JPG 圖檔】

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