

一体式化学发光成像仪



产品介绍

ChemiScope S6一体式化学发光成像仪采用独特的结构设计，具有外观美观、精致小巧、智能化、高灵敏等特点。触屏操作节省了外接电脑的空间，免去复杂的安装调试，通电即可使用。通过“一键”操作，即可实现样品自动进样、自动拍摄图像、获取实验结果。

产品特点

操作简单

一键点击,成像无忧

高灵敏度

16位高灵敏度数字相机，检测低浓度样品

高分辨率

600万像素，呈现清晰图像细节

智能操作

放上样品，一键点击，进仓自动拍摄和保存实验结果；
切换样品台时自动匹配光源

机身小巧

整机尺寸仅286mm*355mm*321mm，
内置10.1英寸触控屏，节省实验室空间

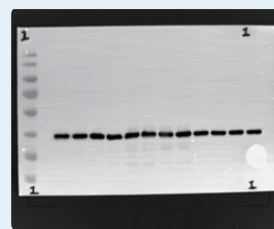
数据传输

USB接口以及可扩展的WIFI数据传输，
可链接至鼠标和打印机

产品应用

基于ECL、ECL-PLUS等的化学发光样品的检测，如Western Blot、Northern Blot、SouthernBlot和其他实验相关的印迹膜。

© ChemiScope S6 拍摄 样品图



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CSMini 图像采集分析软件 软件特色

软件操作界面



图像采集

- 01 精准自动曝光模式，一键拍摄，自动保存。
- 02 具有自动拍摄，手动拍摄，多帧拍摄功能。
- 03 具有超高分辨率和超高灵敏度等曝光模式可选。
- 04 图像区域滑动即可调节显示效果。

图像分析

- 01 自动识别泳道和条带，可根据需要添加、删除、调整泳道，实现泳道的精确分离。
- 02 自动计算泳道中各条带的光密度积分值和峰形图，方便计算各条带分子量大小。
- 03 对指定区域进行光密度计算，适用于蛋白定量分析。
- 04 自动去除背景模式，以获取准确优化的图像分析数据。
- 05 分析结果可根据选择范围输出至 Excel 文件。



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产品参数

| 型号 | ChemiScope S6 |
|------------|--------------------------------------|
| 拍摄面积 | 116*95mm |
| 相机 | 16bit 冷CCD相机, -30°C |
| 镜头 | 固定焦距, F0.95光圈 |
| 像素 | 600万像素, 2750*2200 |
| 像素装仓 | 1*1, 2*2, 3*3 和4*4可选, 对应不同的分辨率和灵敏度要求 |
| 平板电脑 | 10.1英寸触摸屏; 最大分辨率: 1920*1200 |
| 样品托盘 | 电动 |
| 亮场发光 | 白光 |
| 软件 | 手动曝光、自动曝光和多帧拍摄; 自动叠加亮场图像和化学发光图像 |
| 外部数据接口 | USB 2.0 *2 |
| 输入电源 | 100~240VAC, 50/60Hz |
| 体积 (W*D*H) | 286mm*355mm*321mm |
| 净重 | 13KG |



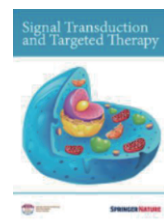
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标注使用勤翔产品的部分文献

- A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity, *Nature*, 2020
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- A cryostat-based frozen section method to increase the yield of extracellular vesicles extracted from different tissues, *BIOTECHNIQUES*, 2022.08.10
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- Generation and characterization of stable pig pregastrulation epiblast stem cell lines, *Cell Research*, 2021: 1-18 25.6.
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- A small and highly sensitive red/far-red optogenetic switch for applications in mammals, *Nature Biotechnology*, 2021: 1-11. 50
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- Virus-mimetic DNA-ejecting polyplexes for efficient intracellular cancer gene delivery, *Nano Today*, 2021, 39: 101215. 20.722
- Global identification of phospho-dependent SCF substrates reveals a FBXO22 phosphodegron and an ERK-FBXO22-BAG3 axis in tumorigenesis, *Cell Death & Differentiation*, 2021: 1-13 15.8
- Horizontal gene transfer and gene duplication of β -fructofuranosidase confer lepidopteran insects metabolic benefits, *Molecular Biology and Evolution*, 2021. 16.240
- Genetic hybridization of highly active exogenous functional proteins into silk-based materials using “light-clothing” strategy,



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