SRS-200A 视网膜蓝光危害测试仪
SRS-200A retinal blue light hazard tester

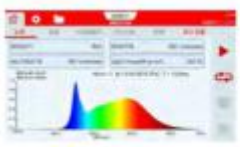
- SRS-200A视网膜蓝光危害测试仪是新一代便携式光生物安全测试评估设备，在保留实验室光生物安全测试系统主要功能的基础上，充分考虑其便利性与可操作性，在一定程度上弥补了现场测量光辐射安全的缺口。

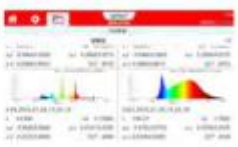
SRS-200A Retina Blue Light Hazard Tester is a new generation of portable optical biosafety testing and evaluation equipment. On the basis of retaining the main functions of the laboratory optical biosafety testing system, its convenience and operability are fully considered, which to some extent makes up for the gap in the safety of on-site measurement of light radiation.

特点与优势 Characteristics and advantage

- **主要测量参数：**
  Main measurement parameters:
- 光生物安全：视网膜蓝光危害加权辐亮度、蓝光危害系数、视网膜热危害加权辐亮度、眼睛近紫外危害系数、近紫外危害加权辐亮度、视网膜热危害系数、视网膜热危害加权辐亮度等
  Photobiological safety: weighted radiance of retinal blue light hazard, blue light hazard coefficient, weighted radiance of retinal thermal hazard, near UV hazard coefficient of eyes, weighted radiance of near UV hazard, retinal thermal hazard coefficient, weighted radiance of retinal thermal hazard, etc
- 光健康：司辰节律因子
  Light health: Star rhythm factor
- 常规测量：光谱辐亮度曲线、图像亮度、指定视场范围的视场角内的亮度
  Routine measurement: spectral radiance curve, image brightness, brightness within the field angle of the specified field of view

- **主要特点：**
  Main features:
- 1）测量功能强大，可实现多种光生物安全参数的测量分析
  1) Powerful measurement function, which can realize the measurement and analysis of various photo biosafety parameters
- 2）独特的双CCD专利设计，实现最大辐射位置的定位和光谱数据测量；
  2) The unique dual CCD patented design realizes the maximum radiation location and spectral data measurement;
- 3）TFT液晶和触摸屏显示界面，既适合实验室，也适合野外现场测试
  3) TFT LCD and touch screen display interface are suitable for laboratory and field test



技术参数 Specifications

- 1）光谱范围：300-780 nm
  1) Spectral range: 300-780 nm
- 2）波长准确度：0.3nm
  2) Wavelength accuracy: 0.3nm
- 3）波长分辨率：0.6nm/像素
  3) Wavelength resolution: 0.6nm/pixel
- 4）亮度测量范围：1-100kcd/m2
  4) Luminance measurement range: 1-100kcd/m2
- 5）测量距离：200mm及以上
  5) Measuring distance: 200mm and above
- 6）测试数据储存个数：50组数据
  6) Number of test data storage: 50 groups of data
- 7）满足光辐射安全的叁个测量视场
  7) Three Measuring Fields of View Satisfying Optical Radiation Safety