OLED-200 OLED光色电性能分析系统
OLED-200 OLED Photochromic and Electrical Performance Analysis System

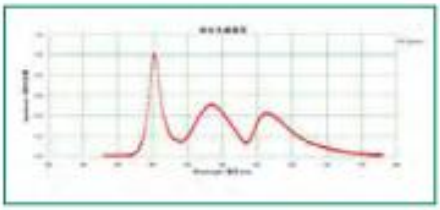
- 实现OLED器件/OLED表面亮度、光谱功率分布、色温、色坐标，
  Achieve OLED device/OLED surface brightness, spectral power distribution, color temperature, color coordinates,
- 电压-亮度变化曲线、
  Voltage brightness change curve
- 电压-光谱分布/色度变化曲线、
  Voltage spectrum distribution/chromaticity change curve
- 流-电压变化曲线、
  Current voltage change curve
- 电压-电流效率（cd/A）曲线、
  Voltage current efficiency (cd/A) curve
- 电压-电流密度（A/cm2）曲线、
  Voltage current density (A/cm2) curve
- 电压-外量子效率曲线、
  Voltage external quantum efficiency curve
- 亮度-时间变化曲线、
  Brightness time curve
- 光谱分布/色度-时间变化曲线等的测量。
  Measurement of spectral distribution/chromaticity time curve, etc.

特点与优势 Characteristics and advantage

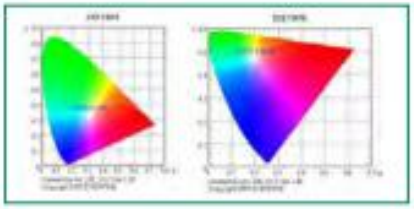
- 光谱彩色亮度计可根据需要配置SRC系列等
  Spectral color luminance meter can be configured with SRC series as required
- 电源可根据需要配置OLTS系列等
  The power supply can be configured with OLTS series as required
- 内置被测OLED专用承载装置，方便装夹
  Built in OLED special bearing device for easy clamping
- 内置三维移动平台，方便移动到目标位置进行测试
  Built in three-dimensional mobile platform, convenient for moving to the target location for testing
- OLED专用测度暗箱壹只，金属框架结构，整体美观大方
  One OLED special measurement dark box, metal frame structure, beautiful and generous overall

技术参数 Specifications

- 1）集光谱、亮度、颜色测量功能于一体
  可测量的参数包括亮度、相对光谱功率分布、色品坐标、相关色温、显色指数、色域覆盖率等，涵盖了被测对象的光度、光谱及颜色参数。
  1) It integrates spectrum, brightness and color measurement functions
  The measurable parameters include brightness, relative spectral power distribution, chromaticity coordinates, related color temperature, color rendering index, color gamut coverage, etc., covering the photometric, spectral and color parameters of the measured object.



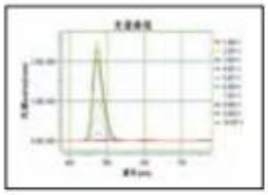
相对光谱曲线图
Relative spectrum



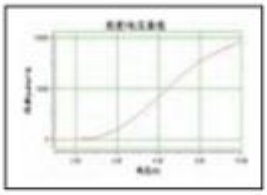
CIE色品图
CIE chromaticity coordinates

技术参数 Specifications

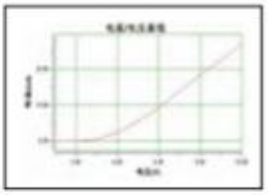
- 2）高性能光谱系统，测试精度更高
  采用光谱法（分光法）实现亮度及颜色参数，不存在V(λ)失匹配和XYZ三刺激值探测器的匹配误差,测量精度更高。远方的光谱分析系统已有二十余年的生产经验，拥有三十多项专利技术，设备可靠、稳定。
  2) High performance spectral system with higher test accuracy
  The brightness and color parameters are realized by spectral method (spectroscopic method) without V（λ）The mismatch and the matching error of XYZ tristimulus detector have higher measurement accuracy. The remote spectral analysis system has more than 20 years of production experience, more than 30 patented technologies, and reliable and stable equipment.
- 3）便捷的储存和数据传输功能
  可存储200组测试数据，且可实现 无线WIFI数据传输功能，即可连接手机（安卓操作系统）或者笔记本电脑远程控制仪器测量和数据传输。
  3) Convenient storage and data transfer
  It can store 200 groups of test data, and realize wireless WIFI data transmission function. It can connect mobile phones (Android operating system) or laptops to remotely control instrument measurement and data transmission.



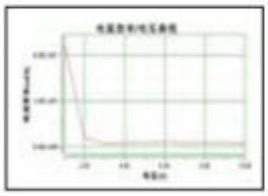
电压-发光光谱曲线
Voltage-Spectral Power Distribution(SPD) Curve



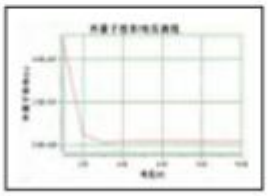
电压-亮度曲线
Voltage-Luminance Curve



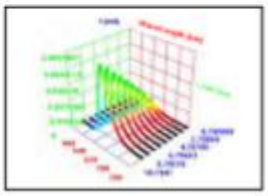
电压-电流曲线
Voltage-Current Curve



电压-电流效率曲线
Voltage-Current Efficiency Curve



电压-外量子效率曲线
Voltage-Quantum Efficiency Curve



3D光谱分布图
3D spectral distribution