

DMS-1500H 显示设备光学特性综合测试系统 Comprehensive Testing System for Optical Characteristics of DMS-1500H Display Equipment

- 主要用于OLED屏的光学特性、环境光对比度等性能的测量，软件控制六轴自动转动，配黑色金属暗箱。

It is mainly used to measure the optical characteristics, ambient light contrast and other performance of OLED screen. The software controls six axis automatic rotation, and is equipped with a black metal black box.

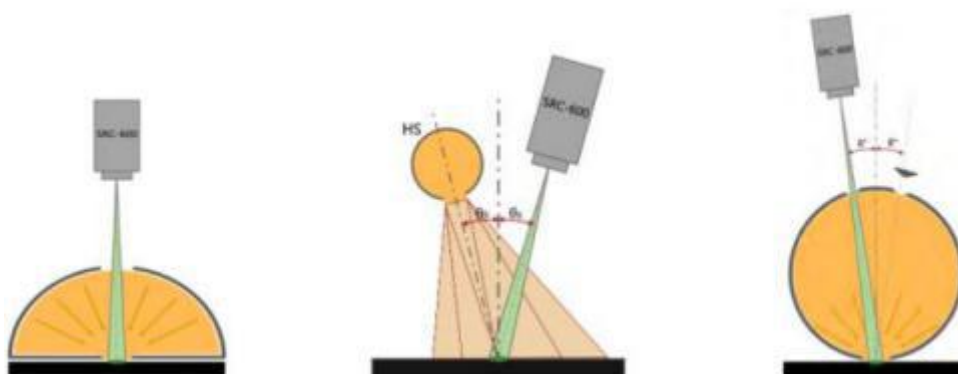


特点与优势 Characteristics and advantage

● 主要特点:

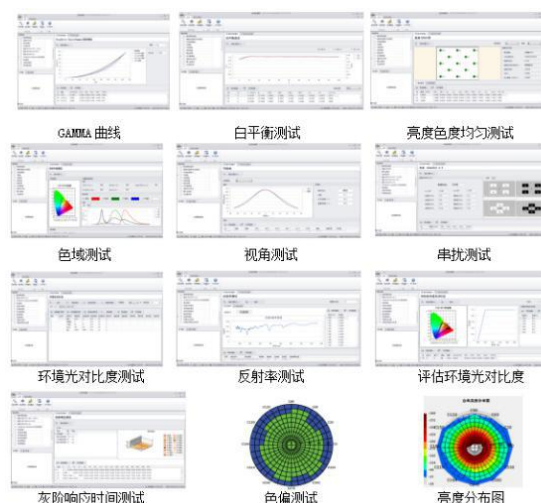
Main features:

- 1) 测量手机显示屏, 平板, 背光模组等各类显示器的亮度均匀性、色度均匀性、色品坐标、相关色温、色域面积、色域覆盖率、白平衡、对比度、萤火虫、串扰、可视角度 (包括水平可视角度, 垂直可视角度)、色偏、黑白响应时间 (上升时间、下降时间)、灰阶响应时间、闪烁特性 (JEITA法)、GAMMA等功能;
1) Measure the brightness uniformity, chromaticity uniformity, chromaticity coordinates, relevant color temperature, gamut area, gamut coverage, white balance, contrast, firefly, crosstalk, viewing angle (including horizontal viewing angle and vertical viewing angle), color deviation, black and white response time (rise time and fall time), gray scale response time, flicker characteristics (JEITA method) GAMMA and other functions;
- 2) 环境光对比度、反射率曲线测试、漫反射率曲线测试、不同环境光下的对比度/色域变化等参数。
2) Ambient light contrast, reflectance curve test, diffuse reflectance curve test, contrast/color gamut change under different ambient light and other parameters.



- 3) 满足SAE、IDMS、IEC、ISO标准要求的环境光模拟装置。

3) Ambient light simulator meeting the requirements of SAE, IDMS, IEC and ISO standards.



技术参数 Specifications

- 最大测量尺寸：3-15英寸；
Maximum measurement size: 3-15 inches;
- 被测样品：水平放置；
Tested sample: placed horizontally;
- XYZ行程移动分辨率：±0.01mm；
XYZ travel resolution: ± 0.01mm;
- 载物台绕水平方向自动转动，c轴转动范围0~360°；
The stage automatically rotates in the horizontal direction, and the rotation range of axis c is 0~360°；
- 载物台绕垂直方向自动转动，r轴范围：-90° ~+90°；
The stage rotates automatically in the vertical direction, and the range of r axis is - 90° ~+90°；
- 对准装置：采用精密水平与垂直十字激光对准装置精确调整显示器位置 和转动中心位置；
Alignment device: precise horizontal and vertical cross laser alignment device is used to precisely adjust the position of display and rotation center;
- 支持的信号发生器：电脑显卡HDMI，VGA，DVI等输出、Windows系统图像信号产生软件、信号发生器等。
Supported signal generator: HDMI, VGA, DVI and other outputs of computer graphics card, image signal generation software of Windows system, signal generator, etc.