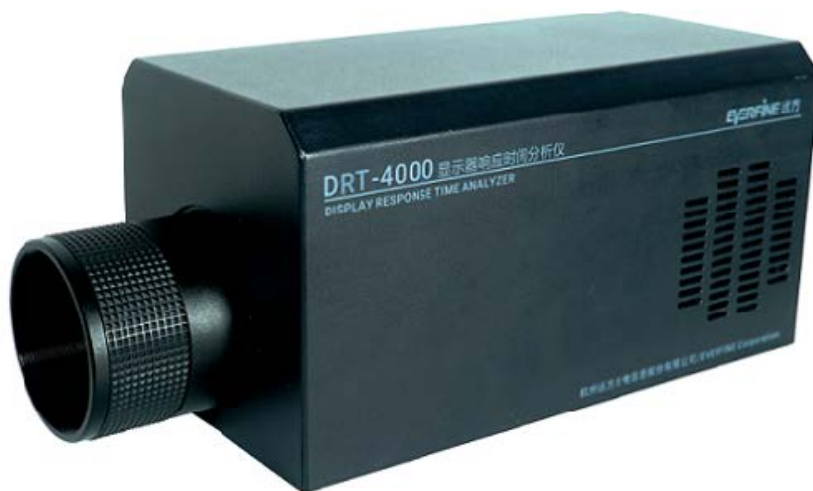


DRT-4000显示器响应时间测量仪 DRT-4000 display response time meter

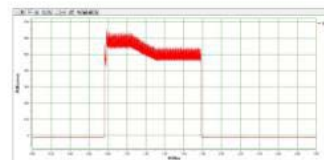
- 远方DRT-4000显示器响应时间分析仪搭载高精度光电传感器及高速采样电路。可实现OLED、LCD、Mini-LED、Micro-LED等显示器的瞬时特性，参照IDMS、IEC、VESA、北美Rtings等标准要求的响应时间测量要求。

The remote DRT-4000 display response time analyzer is equipped with high-precision photoelectric sensor and high-speed sampling circuit. It can realize the instantaneous characteristics of OLED, LCD, Mini LED, Micro LED and other displays. Refer to the response time measurement requirements of IDMS, IEC, VESA, North American Rtings and other standards.

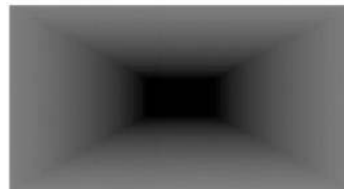
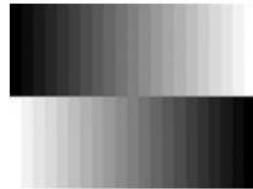


特点与优势 Characteristics and advantage

- 精密光度探测器达到国家一级标准，满足亮度高精度测量需要。
The precision photometric detector has reached the national first level standard, meeting the needs of high-precision measurement of brightness.
- 超高的测量灵敏度及线性动态范围，可适用于HDR显示的精确评价。
Ultra high measurement sensitivity and linear dynamic range, which can be used for accurate evaluation of HDR display.
- 可实现高达1MHz的采样速率，最大程度还原显示屏亮度随时间变化曲线。
It can achieve a sampling rate of up to 1MHz, and restore the display brightness change curve with time to the greatest extent.
- 内置多种数据处理算法，可对响应时间曲线进行数值处理。
Built in multiple data processing algorithms, which can perform numerical processing on the response time curve.



显示屏灰阶响应时间分布



灰阶测试

技术参数 Specifications

- 亮度测量范围：0.001 cd/m²~1500 cd/m²（更高亮度可配置）
Luminance measurement range: 0.001 cd/m²~1500 cd/m² (higher brightness can be configured)
- 测量重复性：±1%
Measurement repeatability: ± 1%
- 亮度测量线性：1%
Luminance measurement linearity: 1%
- 响应时间测量精度：1%
Response time measurement accuracy: 1%
- 功能：亮度测量、黑白响应时间测量、灰阶响应时间测量、北美Rtings响应时间测量。
Functions: brightness measurement, black and white response time measurement, gray scale response time measurement, North American Rtings response time measurement.