



DMS-3200 Optical Property Test System for FPD

The system is mainly used for measuring the optical characteristics of FPD from 14inch to 32inch, for example TV, which is generally and beautiful with 5D automatic turnable.

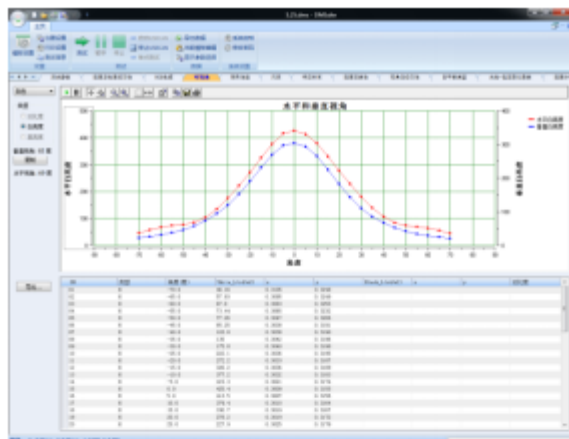
Main functions:

Optical-color parameters such as luminance uniformity, color uniformity, chromaticity coordinates, color gamut area, color gamut coverage, white balance error, viewing angle, luminance contrast, response time, flicker, gray to gray, gray scale, crosstalk, warm-up time, and etc. are measured for FPD. The system meets the requirement of IEC, TCO, IDMS and other related standards.

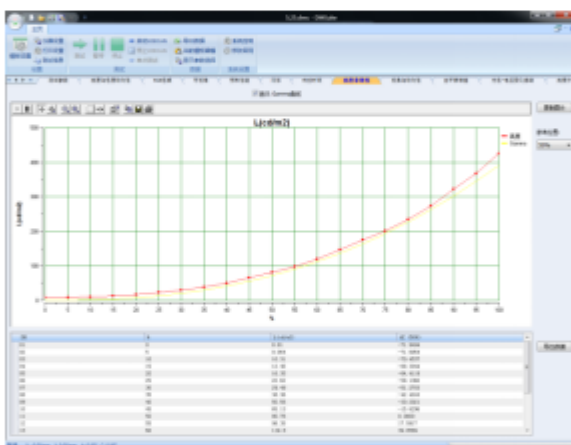
Software interface:



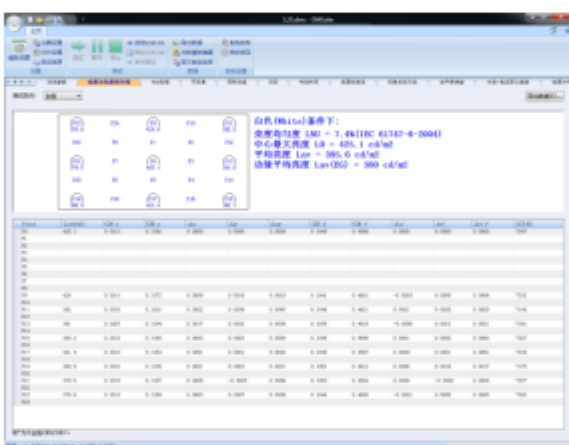
flicker 闪烁



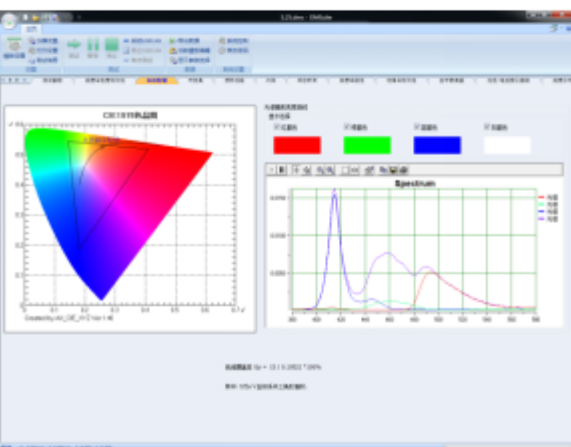
视角测试



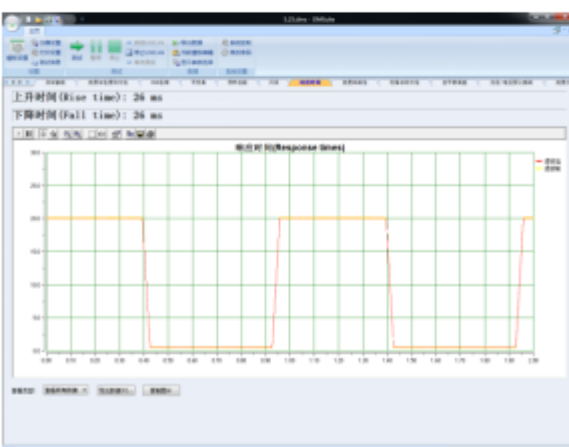
GAMMA 测试



亮度色度均匀性



色域



响应时间

Model	DMS-3200
Measurement size	14-32 inches
Sample	Horizontal placement
X translation	±400mm
Y translation	±300mm
Z translation	400mm~1200mm adjustable
Translation resolution	±0.01mm
Fixture	Clamping device can perform pitch adjustment
Alignment device	Software auto-alignment can be achieved by the cross laser alignment device and the line laser alignment itself.
Monitoring	Video monitoring system
Optical test instrument	SRC series spectral radiance colorimeter, CX series imaging luminance meter, and etc.
Test speed	Quick, medium and slow for choice
Response time and flicker	The quick response tester is equipped to realize the response time and the flicker test.
Signal generator	Android mobile phone install remote special graphics switching software, computer graphics card HDMI, VGA, DVI and other output, Windows system image signal generating software, customer's signal driver and etc.
Power supply	High precision precision DC power supply and electrical parameter tester
Darkroom	4m(width)*5m (length)



手机



车载导航屏



PAD