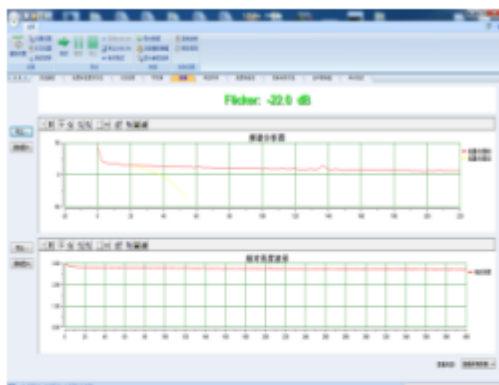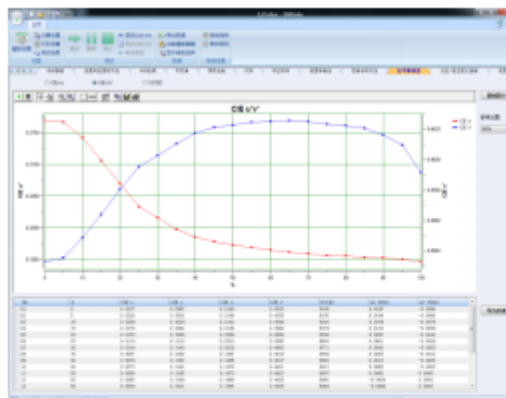## DMS-1500E Optical Property Test System for Smartphone and Tablet with Integrated Darkroom Design

Measurement of optical properties of display under 15 inches such as smartphone, flat panel, navigation screen, LCM module, including luminance uniformity, color uniformity, spectral distribution, chromaticity coordinates, color gamut area, color gamut coverage, luminance contrast, white balance error, response time, gray scale, flicker, crosstalk and etc.There are three automatic turntable integrated in darkroom, which is overall beautiful and generous. The size of the tested displays is 3-15 inches, meeting the requirements of IEC, TCO, IDMS and other related standards.
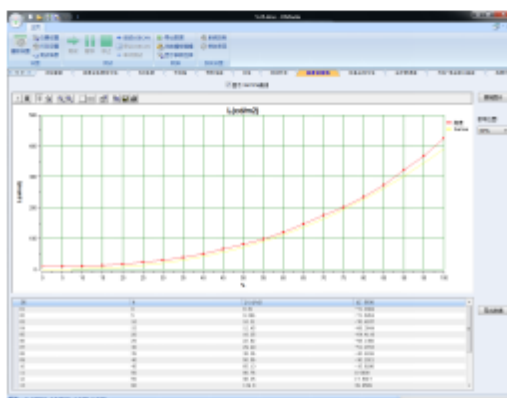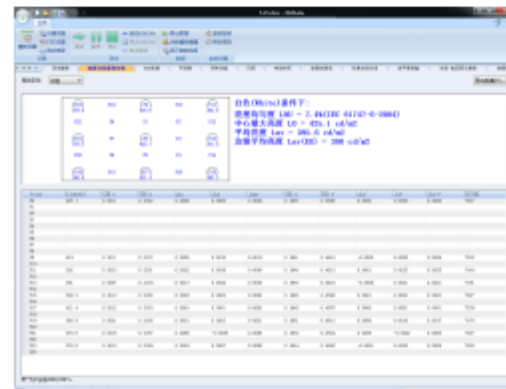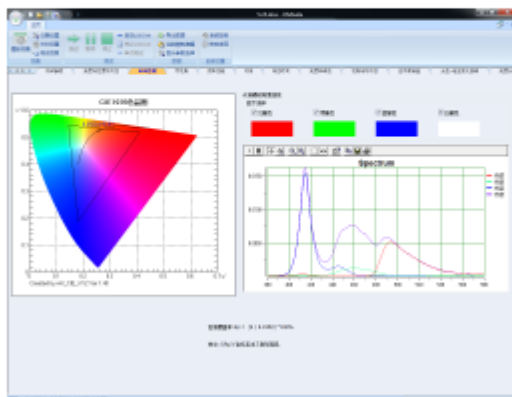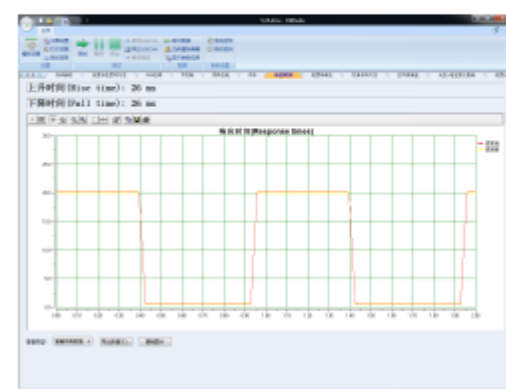
Measurement interface:

flicker 闪烁

白平衡误差

GAMMA 测试

亮度色度均匀性

色域

响应时间

Model	DMS-1500E
Measurement size	3-15 inches
Sample	Horizontal placement
X translation	±180mm
Y translation	±180mm
Z translation	350mm～600mm 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 colorimetr, CX series imaging luminance meter, and etc.
Test speed	Quick, medium and slow for choice
Signal generator	Android mobile phone install remote special graphics swiching software, computer graphics card HDMI, VGA, DVI and other output, Windows system image signal generating software, customer's signal driver and etc.
Response time and flicker	The quick response tester is equipped to realize the response time and the flicker test.
Power supply	High precision precision DC power supply and electrical parameter tester
Darkroom	Metallic dark box

| 手机 | 车载导航屏 | PAD |