



Imaging Luminance Meter

Measurement of luminance and luminance uniformity of dashboard, digital tube, backlight, cell phone display, LED display, OLED display, FPD, projection screen, streetlight, landscape lighting and so on.

Multiple configurations to meet various needs

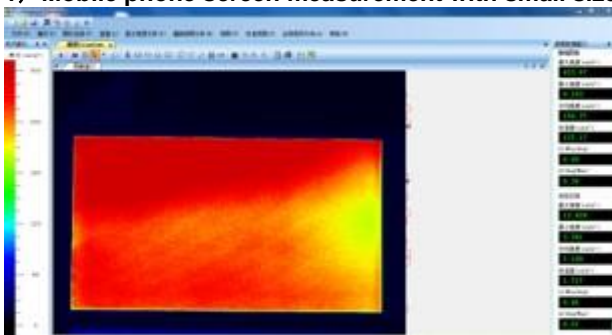
- One sampling, more than millions of micro-luminance meters working at the same time, realize fast test of full screen luminance uniformity.
- Advanced semiconductor refrigeration and temperature control technology can achieve higher measurement stability and repeatability.
- The lower limit of luminance measurement can reach $0.001\text{cd} / \text{m}^2$, which meets the measurement requirements of weak luminance.
- Sampling methods such as single exposure and multiple exposure can be selected to ensure that test objects of different luminance levels can obtain better image quality.
- The software is powerful and suitable for applications in various occasions

Main characteristics:

Model	CX-2B	CX-3B
Test function	Single-point luminance, multi-point luminance, area, pseudo-color map of luminance uniformity distribution, etc.	
Pixel	>1 million	>8 million
Luminance range	0.001~2,000~200, 000	0.001~2,000~200, 000
Lens	Standard lens, wide-angle lens(optional)	
Test mode	Single / multiple exposure	
Communication Interface	USB2.0	USB3.0
Power supply	DC 5V or AC 220V (by AC adapter)	
Standard Configuration	Host, AC adapter, USB cable, software, aluminum case	
Option	Attenuator, tripod, 30-meter car cigarette lighter connection cable	

Software functions:

Professional software analysis functions for small-size light emitters such as dashboards, backlights, flat-panel displays, LED displays, road lighting, etc. to meet the different requirement of different industries.

1) Mobile phone screen measurement with small size**2) Testing of small luminous surfaces such as dashboards, indicators and digital tubes**



The measurement result of black and white
uniformity

color display luminance

3) Test and analysis of luminance and luminance uniformity in lighting engineering



Fully meets CIE 88-2004 "Guidelines for Lighting Design of Tunnels and Underpasses" and GB/T5700 "Lighting Measurement Methods" and other standards.

Widely used in luminance test for LED, LED display, LCD display, plasma screen, projector, OLED, backlight, indicator light, dashboard, landscape lighting, traffic light, car light, bioluminescence, etc.

