

CS-610A/610B



- Obtained China Metrology Accreditation Certificate
- Large TFT display screen
- Uses LED light source, has long service-life
- Energy saving design, high capacity rechargeable lithium-ion battery
- Can measure both SCI(specular included) and SCE(specular excluded) at the same time

Spectrophotometers CS-610A/610B

High performance-price ratio among similar international products

- As China's spectrophotometer, CS-600 integrates multiple innovative technical characteristic , and extends the boundary of on-site color quality control during production
- It can be applied to laboratories, factories and on-site operations, and can achieve the best color management across all application fields quality control;
- Allows quick comparison between two color sample, and shows clear results in numbers or in graphs.
- Allows medium and small companies to obtain high performance color management system with relatively low price;
- The software contains all necessary color equations, standard light sources, and a large number of standards for specific industries and applications;
- Operation system supports both English and Chinese interfaces, and we offer to design the interface in other languages based on the need of our customers.

Professional design, powerful instrument functions

- Professional horizontal design, and it does not have any moving parts, which avoids the shaking of the instrument during measurement process. This makes the measurement more accurate;
- PC software for easy measurement data management;
- Different measurement caliber for CS-610A and CS-610B. Testing ports for the two instruments are to the left.
- Can measure both SCI and SCE at the same time.
- Large data storage space: can store up to 100 sets of standard samples, with up to 200 measurement records for each standard sample.

Product Characteristics

Model	CS-610A	CS-610B
Illumination/observation System	018 (diffuse<l tight. 8° reception, SCI/SCE)	
Sensor	Photoelectric diode tray	

Integrating sphere diameter	40mm	
wavelength range	400nm – 700nm	
wavelength interval	10nm	
Half bandwidth width	≤14nm	
Range of reflectance	0- 175%, resolution:0.01%	
Light source	Composite LEDs	
Measuring time	About 1.5 seconds	
Measuring caliber	8mm	14mm; we can customize it for individual users
Repeatability	The standard deviation within ΔE_{ab} 0.03, the Standard deviation within 0.2%	
Inter instrument agreement	Within ΔE_{ab} 0.4 / standard color boards	
Languages	Chinese and English	
Standard observe	2" and 10°	
Observation light source	A. C.050.065.F2.F6.F7,F8.F10,F11,F 2 (can select YO light sources for display at the same time)	
Displayed contents	Spectral data, spectral Chart, chromatic values, chromatic aberration value, pass 1 filter, color simulation	
Color space J standards	L*a*b*, L*c*h. ΔE_{ab} (CIE1976), ΔE_{ch} , ΔE_{94} (CIE1994), ΔE_{00} (CIE2000), CMC (1:1).CMC (2:1), Yxy,XYZ. WI(ASTM E313/CIE). YI(ASTM E313/ ASTM 01925).ISO brightness (ISO 2470).Density status NT. CIE00. WI/Tint	
Data storage	100 x 200 (100 sets of standard samples, up to 200 measurement records under each standard sample)	
Port	USB 2.0	
Power source	Detachable lithium-ion battery pack; C adapter	
Operation temperature and humidity range	5 to 40°C. relative humidity 80% or less (at 35°C) \!with no condensation	
Storage temperature and humidity range	0 to 40°C. relative humidity 80% or less(at 35°C) \ with no condensation	
Display	2.8 ..Inch TFT color screen	
Accessories	Black and white calibration board	
Optional accessories	Mini-printer	
UV fluorescent	Without UV	