Spectrophotometers CS-610A/610B
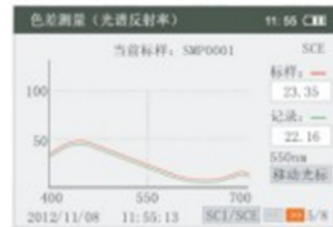
High performance-price ratio among similar international products

● As China's first spectrophotometer,CS-600 integrates multiple innovative technical characteristic ,
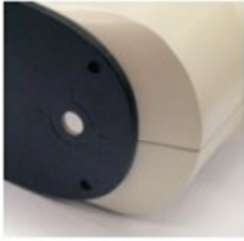and extends the boundary of on-site color quality control during production

● It can be appplied to laboratories,factories and on-site operations,and can achieve the best color
management across all application fields quality control;
● Allows quick comparision 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
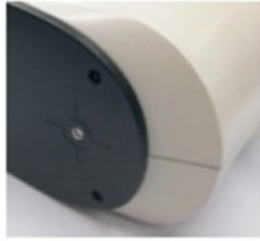other languages based on the need of our customers.

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 cailber for CS-610A and CS-610B. Testing ports for the two intruments are to
the left.

CS-610A   CS-610B

- 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.

Spectrophotometers CS-610A/610B

- First Spectrophotometer in China
- Obtained China Metrology Accreditation Certificate
- Large TFT display screen
- Modern and fashionable design based on human engineering
- Easy to use operation modes and compact operation interface
- Lage data storage space
- Uses LED light source; has long servise-life
- Energy saving design, high capacity rechargeable lithium-ion battery
- Can measure both SCI (specular included) and SCE (specular excluded) at the same time
- Includes PC software to manage data

● Can connect to mini-printers for printing

Spectrophotometer
CS-610A/610B

CMA Certificate | 2° and 10° visual angles | 2.8-inch TFT display screen | Compact LED Light Source

www.chnspec.com

Model	CS-610A	CS-610B
Illumination/observation System	D/8 (diffused light, 8° reception, SCI/SCE)	
Sensor	Photoelectric diode array	
Integrating sphere diameter	40mm	
Wavelength range	400nm – 700nm	
Wavelength interval	10nm	
Half bandwidth	<=14nm	
Range of reflectance	0-175%, resolution: 0.01%	
Light source	Composite LEDs	
Measuring time	About 1.5 seconds	
Measuring caliber	8mm	4mm; we can customize it for individual users
Repeatability	The standard deviation within $\Delta E^*ab \leqslant 0.03$, the standard deviation within 0.2%	
Inter instrument agreement	Within ΔE^*ab 0.4 / standard color boards	
Languages	Chinese and English	
Standard observer	2° and 10°	
Observation light source	A, C, D50, D65, F2, F6, F7, F8, F10, F11, F12 (can select two light sources for display at the same time)	
Displayed contents	Spectral data, spectral chart, chromatic values, chromatic aberration value, pass / fail, color simulation	
Color space / standards	L*a*b*, L*C*h, ΔE^*ab (CIE1976), ΔEch, ΔE^*94 (CIE1994), $\Delta E00$ (CIE2000), CMC (1:1), CMC (2:1), Yxy, XYZ, WI (ASTM E313/CIE), YI (ASTM E313/ ASTM D1925), ISO brightness (ISO 2470), Destiny status A/T, 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; DC 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 box	
Optional accessories	Mini-printer	
UV flourenscent	Without UV	