

Colorimeter



CS-10 Best choice for low price
 CS-200 High Quality & Reasonable Price
 CS-260 Color Number Matching
 CS-210 Camera view
 CS-220 Powder measurement

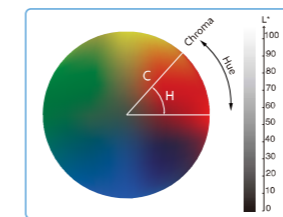
CS-10/200/210/220/260

Product Advantages

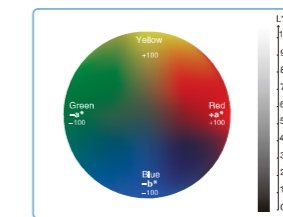
- ¥** CS-10 is the cheapest colorimeter designed for assembly line. It could meet most color measurement requirement with high accuracy.
- Y/W** CS-200 is the update version of CS-10 for the improvement of testing accuracy and measuring YI and WI. It belongs to high cost-effective product.
- 📷** CS-210 is with build-in camera for viewing the measuring area. It is convenient for customer to see the measuring area and suitable for testing patterned and colorful samples.
- 👤** CS-220 provides specular component excluded(SCE) measuring condition. It is designed for the color measurement of powder, pasty materials and highly reflective materials.
- 📊** CS-260 is with build-in color charts. After measurement, instrument will match three color numbers from the color charts for the colourist reference.

Colorimeter

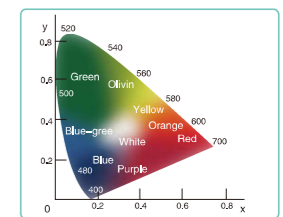
Multiple color spaces



CIE L*c*h* Color Space



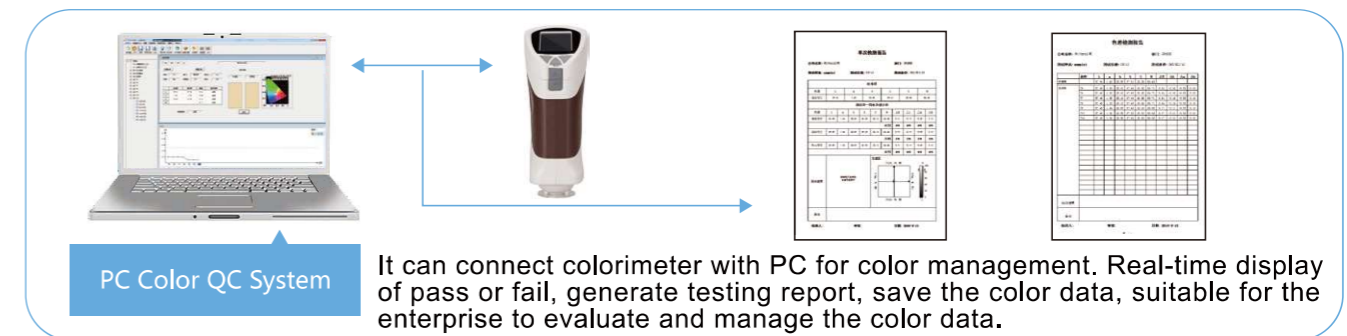
CIE L*a*b* Color Space



Yxy Color Space

Being the most commonly used testing device, our colorimeter with color display indicators transformation program that makes our device could be used for color measurement in many different industries. It does not need convert the measurement data by manual which greatly improve the working efficiency.

PC Software



PC Color QC System

It can connect colorimeter with PC for color management. Real-time display of pass or fail, generate testing report, save the color data, suitable for the enterprise to evaluate and manage the color data.

Technical Data

Type	CS-10	CS-200	CS-210	CS-220	CS-260
illumination and Viewing	8/d (8°illumination/diffused viewing) SCI (specular component included)			8/d , SCE	8/d , SCI
Display	Chromaticity Value:L*a*b,L*c*h,ΔE*ab,XYZ,Yxy,Relative RGB;Color Difference:ΔE*ab,ΔE*Ch				
Measuring Aperture	φ8mm				
Measuring Condition	CIE 10°standard observer/CIE D65 light source				
Measuring Range	L* : 1~100				
Repeatability	Standard deviation within ΔE*ab < 0.1(measuring condition:measuring white calibration tile 30 times)		Standard deviation within ΔE*ab < 0.08 (measuring condition: measuring white calibration tile 80 times)		
Storage	10 targets and 100 samples for each target		100 targets and 100 samples for each target		
Measurement Time	0.5s				
Light Source	LED				
Language	Chinese and English				
Power	Four 1.5V AA-sized alkaline battery or nickel metal hydride batteries/Power Adaptor DC5V				
Interface	USB2.0,Printer				
Weight	550g				
Size	77x86x210mm				
Other Functions			Camera View	Powder Pasty Material Measurement	Build-in color card