

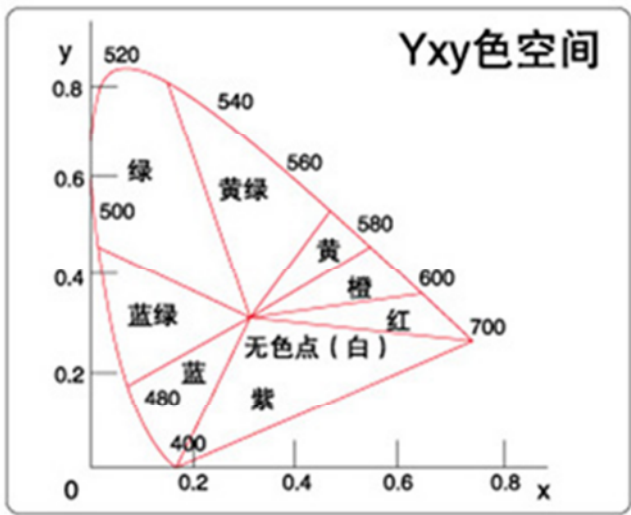
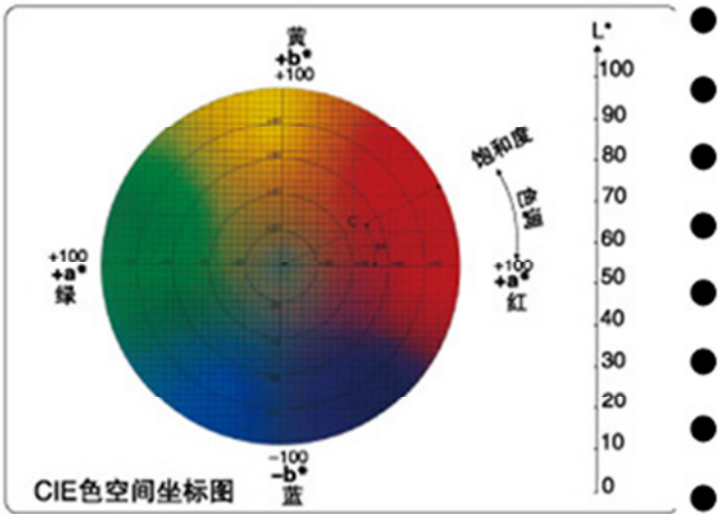
## High performance-price ratio among international similar products



- Obtained China Metrology Accreditation
- Both Chinese and English language options
- Ultra stable performance
- Display precision 0.01
- Repeatability precision  $\Delta E$ 's standard deviation 0.08
- Can measure whiteness or yellowness
- Measure at multiple spots for average
- Enhance the measure accuracy through white and black calibration

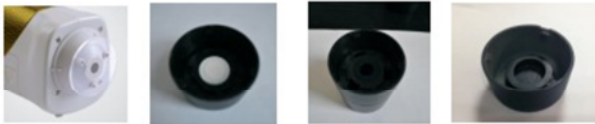
## Professional design, powerful instrument functions

- Human engineering design
- Camera for sample view
- Large data storage space
- Multiple modes of color values
- PC software and data control
- USB and bluetooth for data transmission
- Provides accurate measuring time settings
- Can manually set up L\*a\*b\* value for standard samples

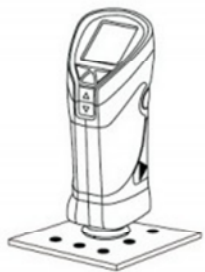


### Measurement for specific industries

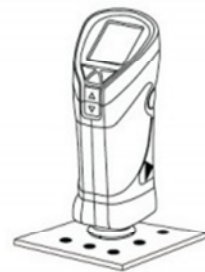
- CS-220 offers the option of SCE measuring condition (specular component excluded), which is especially suitable for the color quality control of fields such as powder, colloids and highly reflective surface.
- Put the instrument evenly on a flat sample, and perform multipoint sampling average, or measure multiple spots for averaging.
- CS-220 offers camera for sample view



▲Transparent baseboard test hole    ▲white board    ▲hohlraum    ▲powder measurement box



Standard samples 1--100



Test samples 1--100

- Obtained China Metrology Accreditation
- High performance-price ratio Among simiar products
- Both Chinese and English language options
- Specular component excluded (SCE)
- Can test powder and colloid
- PC software for date and statistical management
- Yellowness and whiteness measurement
- Multi-point measurement for averaging
- Large data strong space

illumination System	8/d(8°/diffused illumination),specular component excluded (SCE)	Storage	100 sets of standard samples; up to 100 sets of test sample under each standard sample
Display modes	Colorimetric values: L*a*b*, L*C*h, ΔE*ab, XYZ, relative RGB values; Color difference values: Δ(L*a*b*), Δ(L*C*h); Whiteness values: Hunter whiteness, Ganz whiteness Yellowness value: YI	Measuring time	About 0.5 seconds
		Measuring light source	LED
		Interface languages	Chinese, English
		Power source	Four AA1.5V Alkaline battery or nickel -metal hydride batteries; Exclusive DC5V adapter
Measuring caliber	About Φ8mm	Port	USB2.0, printer
Measuring conditions	CIE10° standard observer; CIE D65 light source	Weight	550g
Measuring range	L*: 1-100	Size	77×86×210mm
Repeatability	Standard deviation withinΔE*ab 0.08 (condition: measure the white calibration board 30 times for average)		