

CS-260



Introduction

CS-260 Color card reading colorimeter can read the color samples and display the most similar color card number. It's widely used in printing, printing and dyeing, clothing, decoration, design, construction, Home Furnishing, food industry etc..

CS-260 Color card reading colorimeter also has chromatic instrument function, it can test the surface of L, a, B, L*C*h, E*ab, XYZ, relative RGB values, Hunter whiteness, Ganz whiteness, YI equivalent and distinguish color aberration easily.

Technical Parameters

Color measurement	Color card
Illumination system	8°/d (8°/diffused illumination) , specular component included (SCI)
Display modes	Colorimetric values: L*a*b, L*C*h, ΔE^*ab , XYZ, relative RGB values; Color difference values: $\Delta(L^*a^*b)$, $\Delta(L^*C^*h)$; Whiteness values: hunter whiteness, ganz whiteness; Yellowness value: YI
Measuring caliber	About 8mm
Measuring conditions	CIE 10° standard observer; CIE D65 light source
Measuring range	L* : 1-100
Repeatability	Standard deviation within ΔE^*ab^* , 0.08(condition: measure the white calibration board 30 times for average)
Storage	100 sets of standard samples; up to 100 under each standard sample

Measuring time	About 0.5 seconds
Measuring light source	Halogen lamp
Interface languages	Chinese,English
Power source	Four AA1.5V Alkaline battery or nickel-metal hydride batteries;Exclusive DC5V adapter
port	USB 2.0, printer
weight	550g
Size	77×86×210mm

Characteristic

- 1、 Test your sample, you can get the closest color card number.
- 2、 Apply to many different types the color card.
- 3、 Display precision 0.01
- 4、 Repeatability precision ΔE standard deviation 0.08
- 5、 Test parameters:
Colorimetric values: L^*a^*b , L^*C^*h , ΔE^*ab , XYZ, relative RGB values;
Color difference values: $\Delta(L^*a^*b)$, $\Delta(L^*C^*h)$;
Whiteness values: hunter whiteness, ganz whiteness
Yellowness value: YI
- 6、 Storage: 100 sets of standard samples; up to 100 under each standard sample.
- 7、 2.4-inch-wide color screen.