



## WSC-2S Colorimeter

### Characteristics

- The colorimeter is a widely congested and easily operated colorimeter, which is suitable for measuring the reflected color of various objects, and can test the whiteness, chromaticity and color difference between two objects.
- Color touch screen with printing output, upper computer output, U disk output, data storage, data check function.
- This series of instruments can be widely used in textile, dye, printing and dyeing, paper making, building materials, enamel, food, printing etc.

### Specifications

Parameters/Model	WSC-2S
Illuminant	0/d
Spectrum conditions	The overall response is equivalent to tri-stimulus values X, Y, and Z calculated in corresponding functions under CIE standard illuminant D65 and 10°view of field.
Color representations	Color: X, Y, Z; Y, x, y; L*, a*, b*; L, a, b; L*, U*, v*; L*, C*, h Color difference : $\Delta E (L^*a^*b^*)$ ; $\Delta E (L a b)$ ; $\Delta E (L^*u^*V^*)$ ; $\Delta L^*$ , $\Delta C^*$ , $\Delta H^*$ White: (a) Ganz whiteness: Binary linear whiteness recommended by CIE . (b) Blue-light whiteness: $W = B$ (c) Tabble whiteness: It is recommended by ASTM (American Society for Testing and Materials); $W = 4B-3G$ (d) Hunter whiteness: (GB/T 5950-1996) $Wh=100-[(100-L)^2+a^2+b^2]0.5$ Yellow index: $Yi=100(1.3013X-1.1498Z)$ (ASTM E 313)
Repeatability	$s (Y) \leq 0.3$ ; $s (x)$ , $s (y) \leq 0.001$ ; $\Delta E(L^*a^*b^*) \leq 0.2$
Stability	$\Delta h(Y) \leq 0.2$
Display	7 inch color touch LCD
Interface	USB , U disk
Data storage	1000 sets
Power supply	220V $\pm$ 22V , 50Hz $\pm$ 1Hz , 30w
Overall dimensions	500mm $\times$ 440mm $\times$ 420mm
Weight (Gross)	9.5kg