WSF Spectroscopical Color photometer

Characteristics

- Wide application range and easy-to-operate feature.
- Measure reflection color and transmission color of objects and can test chromaticity, whiteness and color difference between two objects or two kinds of liquid.
- Only accept d/0 lighting specified by CIE.
- Display reflectance and transmittance of objects or liquid within the scope of visible light wave (400nm-700nm), and generate a spectral curve on reflectance and transmittance of objects or liquid, which greatly facilitates analysis on object color.
- Wide used in such industries as textile, dye, printing and dyeing, coating, paint, paper making, building materials, food, and printing.

Specifications

Parameters/Model	WSF
Lighting conditions	d/0
Spectrum conditions	overall response is equivalent to tristimulus values X, Y, and Z calculated in corresponding functions under GB3978 standard illuminant D65, A, C and 10° , 2° view of field.
Measurement window	Ø20mm
Wavelength range	400nm~700nm
Accuracy of wavelength	± 2nm
Accuracy of spectrum transmittance (%)	± 1.5
Repeatability	σ u (Y) ≤0.5, σ u (x)、σ u (y) ≤0.003
Instrument stability	ΔY≤0.6
Accuracy	ΔY≤2, Δx、Δy≤0.02
Palette system	Color: X, Y, Z; Y, x, y; L*, a*, b*; L, a, b; L*, u*, v*; L*, c*, h* Color difference: Δ E (L*a*b*); ΔE (Lab); ΔE (L*u*v*); ΔL*, ΔC*, ΔH* Yellow index: YI, ΔYI Whiteness: Gans whiteness Blu-ray whiteness: W=B Tabble: W=4B-3G
Interface	RS232
Weight(Gross)	11kg
Dimension	530mm x 380mm x 300mm