- Conforms with CIE No.15, ISO7724-1, ASTM E1164 and DIN5033 Teil7 standards
- Grating spectrophotometric, 3.5"IPS full color screen, dual optical
- path high precise CMOS array sensor

 Use long life and low power consumption combined LED light source, include UV and exclude UV measurement
- Camera locating function, switchable 11mm/6mm/3mm/1×3mm aperture
- Large capacity storage space, over 20,000 measurement data
- Two standard observer angles, a variety of illuminant, a variety of color indexes, conforms with a variety of standard colorimetric data
- Measure sample spectra, accurate Lab data, can be used in color matching and accurate color transmission



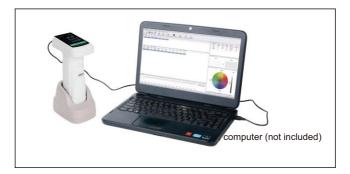


white calibration cavity (included)

SPECIFICATION

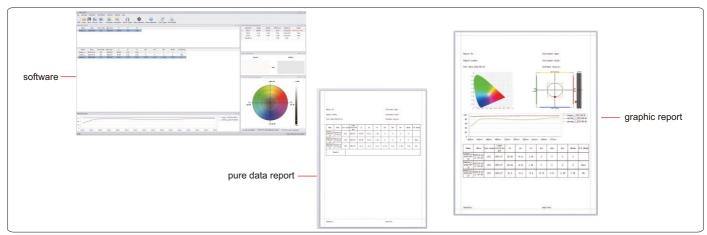
Optical geometry		D/8 (diffused illumination/8 ° direction reception)
		SCI+SCE (specular component included+specular component excluded)
Integrating sphere size		Ø40mm
Light source		LED (Full band balanced LED) +UV
Spectrophotometric mode		Grating
Sensor		Dual optical path high precise CMOS array sensor
Wavelength range		400~700nm
Wavelength interval		10nm
Reflectance measurement range		0~200%
Reflectance resolution		0.01%
Displaye resolution		0.01
Illumination area/Aperture		MAV:Ø11mm; SAV:Ø6mm, Ø3mm, MINI:1×3mm
Color space		CIE-Lab, CIE-LCh, HunterLab, CIE Luv, XYZ, Yxy, RGB
Color difference formula		ΔE*ab, ΔE*cmc, ΔE*94, ΔE*00
Other colorimetric index		Whiteness (ASTM E313-00, ASTM E313-73, CIE/ISO, AATCC, Hunter, Taube Berger Stensby), Yellowness
		(ASTM D1925, ASTM 313-00, ASTM E313-73), Blackness (My, dM), Color fastness, Tint (ASTM E313-73)
		Color density CMYK (A, T, E, M), Milm, Munsell, Opacity, Color strength
Observer angle		2°/10°
Illuminant		A, B, C, D50, D55, D65, D75, F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12, CWF, U30, U35, DLF,
		NBF, TI83, TI84,Id50, Id65, LED-B1, LED-B2, LED-B3, LED-B4, LED-B5, LED-BH1, LED-RGB1, LED-V1,
		LED-V2
Measuring tim	ne e	about 1.5s
Repeatability	Spectral reflectance	within 0.08% of standard deviation
	Colorimetric values	ΔE*ab≤0. 025 (after whiteboard correction, measuring the whiteboard 30 times at 5s interval)
Inter-instrument error		ΔE*ab≤0.25 (BCRA Series II , average value of 12 color plates)
Data port		USB, Bluetooth
Light source lifetime		10 years, more than 1 million times measurements
Battery		3.7V/3000mAh, rechargeable 8,000 times continuous tests
Dimension		95×129×231mm
Weight		750g





measurement

connect to computer



software (included), test can be controlled from the software, display test data, report

STANDARD DELIVERY

STANDARD DELIVERY		
Main unit	1pc	
White calibration cavity	1pc	
Measuring aperture	3pcs	
USB cable	1pc	
USB disk	1pc	
AC/DC adapter	1рс	