ColorMeter

ColorMeter SE   ColorMeter Pro   ColorMeter MAX

ColorMeter SE/Pro/MAX

Product Features

- Adopt D/8 (Diffused Illumination, 8 degree viewing) geometry and SCI to make measurement more accurate

- Adopt spectral sensor to provide reflectance data which make its performance much better than colorimeter

- Auto Calibration

- Data uploading background in the cloud can be edited for the second time

- Single machine or connected to the APP/PC can measure, and display the measurement results directly

- Find similar color, support customer to upload their own color information

- Android, ios, Windows (SE version not supported) operating systems

Colorimeter

Operate on Instrument

Operate from APP

Cloud Database

Auto Calibration

Technical Data

Model	ColorMeter SE	ColorMeter Pro	ColorMeter Max
Geometry	D/8,Specular Component Included(SCI)		
Color Spaces and Indices	CIE-Lab, △E*ab,reflectance curve	Reflectance, CIE-Lab, CIE-LCh, Hunter Lab, CIE-Luv, XYZ, Yxy, RGB, Color Difference (ΔE^*ab, ΔE^*cmc, ΔE^*94, ΔE^*00), Whiteness Index (ASTM E313-00, ASTM E313-73, CIE, ISO2470/R457, AATCC, Hunter, Taube Berger Stensby), Yellowness Index,(ASTM D1925, ASTM E313-00, ASTM E313-73), Blackness Index(My,dM) Staining Fastness, Color Fastness, Tint(ASTM E313-00), Color Density CMYK(A,T,E,M), Metamerism Index Milm, Munsell, Opacity, Color Strength	
Light Source	LED (Full Wavelength Balanced LED Light Source)		
Test Aperture	8mm		
Wavelength Interval	/	10nm	
Wavelength Range	/	400-700nm	
Repeatability	$\Delta E \leq 0.1$ (when a white tile is measured 30 times at 5-second intervals after calibration)		$\Delta E \leq 0.05$ (when a white tile is measured 30 times at 5-second intervals after calibration)
Measurement Time	1.5s		1s
Interface	USB (only for charging)	USB	
Illuminants	D65	A,B,C,D50,D55,D65,D75,F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12 CWF,U30,U35,DLF,NBF,TL83,TL84	
Observer	10°	2° and 10°	
Screen	IPS Full Color Screen (screen resolution 135*240,1.14 inches)		
Battery	4.2V/500mAh, Rechargeable, 5 ,000 continuous tests	4.2V / 760mAh, Rechargeable, 10,000 continuous tests	
Calibration	Auto		
Language	English and Chinese		
Software Support	Andriod,IOS	Andriod,IOS,Windows	
Weight	About 90g		
Instrument Size	Diameter 31mm , Height 102mm		