Colorimeter

DS-01/02/03

- ■ Massive color card database

- ■ Single machine operation, test and see immediately

- ■ Cloud database, more convenient for viewing and uploading

- ■ Longer battery life

- ■ Colorimeter for more accurate color measurement

- ■ Automatic calibration, it takes care of itself

Colorimeter

Technical Data

Model	DS-01	DS-02	DS-03
Measurement structure	d/8, including specular reflected light (SCI)		
Measurement index	CIE-Lab,ΔE*ab	CIE-Lab,CIE-LCh,HunterLab,CIE-Luv,XYZ,Yxy,RGB, chromatic aberration (ΔE*ab,ΔE*cmc,ΔE*94,ΔE*00), whiteness (ASTM E313-00,ASTM E313-73, CIE, ISO2470 / R457, AATCC, Hunter, TaubeBergerStensby), yellow degree (ASTM D1925, ASTM E313-00, ASTM E313-73) Blackness (My,dM), color fastness, color change fastness, Tint(ASTME313-00), color density CMYK (A,T,E,M) isochromatic index Milm, Munsell,covering power, force (dye strength, coloring power)	
Lighting source	LED(Full band balanced LED light source)		
Lighting aperture	8mm		
Measurement stability ※	ΔE≤0.1		ΔE≤0.05
Port	USB(charging only), Bluetooth	USB, Bluetooth	
Light source condition	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	
Field Angle	10°	2° or 10°	
Screen	IPS Full color screen (135*240,1.14inch)		
Battery capacity	A single full charge can be measured 10,000 times continuously	A single full charge can be measured 12,000 times continuously	
Calibrate	Automatic calibration		
Language	Simplified Chinese and English		
Software support	Android,IOS, wechat mini program,HarmonyOS	Android,IOS, wechat mini program,HarmonyOS, Windows	
Weight	About 90g		
volume	Diameter: 31mm, height: 102mm		
Measuring time	1.5s	1s	

※ Measure the standard deviation of the whiteboard 30