



ColorMeter Pro



ColorMeter Pro is a colorimeter and a spectrophotometer

- ColorMeter Pro can measure the material surface to get L\*a\*b\*,L\*Ch,RGB Hex and other color value.
- Pass or fail judgment can be seen from instrument screen directly.
- ColorMeter Pro can measure whiteness index,yellowness index,color strength color fastness,opacity and other 20 kinds of parameters with 26 kinds of illuminants.

## Artificial Intelligence for Accurately Measure Color

- AI-based color search engine for accurately measure and search color.
- Color can be collected anywhere and anytime.
- ColorMeter Pro is with good inter-instrument agreement for consistent color number searching result in same database with different instruments.



## Portable and Massive Color Card Database



- Bluetooth to connect with mobile phone APP to create database to upload the color shades of printing, paint, textile color cards.
- No need to carry big and heavy color card, user can find color card database from Colormeter Pro APP and find the closest similar color easier and faster.

## Simple Operation

- Auto instrument black and white calibration for easier and correct color test.
- 1.14 inches IPS instrument screen to show color and color difference value.
- Long battery life, continuous test 10,000 times for single charge.
- Exquisite and compact instrument body for easily carrying.



## Technical Data

<b>Illumination and Viewing System</b>	D/8, SCI (specular component included)		
<b>Color Spaces and Indices</b>	Reflectance, CIE-Lab, CIE-LCh, Hunter Lab, CIE-Luv, XYZ, Yxy, RGB, Color Difference ( $\Delta E^*ab, \Delta E^*cmc, \Delta E^*94, \Delta E^*00$ ) Whiteness Index (ASTM E313-00, ASTM E313-73, CIE/ISO, 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		
<b>Light Source</b>	LED (Full Wavelength Balanced LED Light Source)	<b>Measure Aperture</b>	8mm
<b>Wavelength Interval</b>	10nm	<b>Repeatability</b>	$\Delta E \leq 0.1$ (when a white tile is measured 30 times at 5-second intervals after calibration)
<b>Measurement Time</b>	1Sec	<b>Observer</b>	2°, 10°
<b>Illuminants</b>	A, B, C, D50, D55, D65, D75, F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12CWF, U30, DLF, NBF, TL83, TL84, U35		
<b>Interface</b>	USB, Bluetooth	<b>Display Screen</b>	IPS Full Color Screen (135*240, 1.14 inches)
<b>Battery</b>	4.2V / 760mAh, Rechargeable, 10,000 continuous tests	<b>Language</b>	English and Chinese
<b>Calibration</b>	Auto	<b>Software Support</b>	Android, iOS, Windows
<b>Weight</b>	About 90g	<b>Instrument Size</b>	Diameter 31mm, Height 102mm