

Color Density Meter



Exact

Product Features

- Design for Print Industry
Color density meter is a good performance measuring device to measure color density CMYK (A, T, E, M), dot increase/dot area, overprint rate, print contrast, gray level, hue error. It supports 20 kinds of color indices and 26 kinds of illuminants.
- Auto Calibration
It adopts auto calibration technology to realize real-time calibration for easier operation.
- Small Aperture
4mm aperture to measure smaller size.
- Connect with APP to extend more functions
Instrument comes with free software to save test result and establish personal color library.



Auto Calibration



APP



Cloud Database



4mm Aperture



45/0 Geometry

Technical Data

Model	Exact
Geometry	45/0
Color Spaces and Indices	Reflectance, CIE-Lab, CIE-LCh, HunterLab, CIE-Luv, XYZ, Yxy, RGB, Color Difference (ΔE^*ab , ΔE^*cmc , ΔE^*94 , ΔE^*00) WI (ASTM E313-00, ASTM E313-73, CIE/ISO, AATCC, Hunter, Taube Berger Stensby), YI (ASTM D1925, ASTM E313-00 ASTM E313-73), Blackness Index (My, dM), 沾色牢度, Color Fastness, Tint (ASTM E313-00), Color Density CMYK (A, T, E, M) Metamerism Index Milm, Munsell, Opacity, Color Strength, dot increase/dot area, overprint rate, Grey Level
Light Source	LED (Full Wavelength Balanced LED Light Source)
Illumination Aperture	4mm
Wavelength Interval	10nm
Wavelength Range	400-700nm
Repeatability	$\Delta E \leq 0.1$ (when a white tile is measure 30 times at 5s interval)
Inter-instrument Agreement	$\Delta E^*00 < 0.4$ (BCRA Series II, average measurement of 12 tiles)
Measurement Time	1.5s
Interface	USB, Bluetooth
Illuminants	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, M0, M1, M2
Observer	2°, 10°
Screen	IPS Full color screen (135*240, 1.14inch)
Battery	Rechargeable, 10,000 continuous tests
Calibration	Auto Calibration
Language	Chinese and English
Software	Andriod, iOS, Windows
Weight	About 90g
Instrument Size	Diameter: 31mm, Height: 102mm