

پترو فرھان گسٹر جنوب



Colorcat Colorimeter

Small Body, Great Connotation,
Your Little Butler Of Colors Anytime, Anywhere



Press/Rotate Button



Five functions

Are Cyclically Switched.

360°up to me

Sample Measurement

RegD1
 ΔL^*_{12} : -94.42
 Δa^*_{12} : 31.13
 Δb^*_{12} : 15.05
 ΔE^*_{12} : 67.92
不合格

Type Measurement

10000009
 L^*_1 : 94.42
 a^*_1 : 0.27
 b^*_1 : 0.27

Type Library



White Calibration





Black Calibration



Model	ColorCat	ColorCat Pro
Repeated accuracy	$\Delta E^*ab \leq 0.1$	$\Delta E^*ab \leq 0.05$
Solution	0.1	0.01
Measuring Speed	1.0S	0.5S
Light Source Type	Full spectrum LED	Full spectrum LED & UV
Battery Capacity	More than 6000 times after full charge	More than 10000 times after full charge
Geometric Condition	d/8	
Measuring spot (Caliber)	8mm	
Wavelength coverage	400nm~700nm	
Calibration Method	Automatic	
Wavelength interval	10nm	
Color Space	CIE-Lab, CIE-Lch, Luv, Hunter-Lab, XYZ, Yxy, sRGB, DINLAB99, DENSITY (A) C, M, Y, K, DENSITY (I) C, M, Y, K, Munsell, reflectivity (Photopic vision), blackness, YI yellowness, metamerism (jumping light), hiding power, tinting power/strength/dye strength, color fastness, Taube whiteness, Berger whiteness, Tappi whiteness, Cros whiteness, Stephanser whiteness, Ganz whiteness (Ganz), Hunter whiteness, whiteness (ASTM), whiteness (CIE), AATCC whiteness, R457/ISO2470 whiteness, GB/T17644 whiteness	
Color Difference Formula	ΔE^*ab , ΔE^*ch , ΔE^*uv , $\Delta E^*HunterLab$, $\Delta E^*CMC (l:c)$, ΔE^*94 , ΔE^*00 , ΔE^*sRGB , ΔE^*BFD , ΔE^*FCMII , ΔE^*DIN99	
Standard Light Source	A, 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 Angle	CIE10°(1964), CIE2°(1931)	
Operation Method	Integrated Rotate/Press Button	
Display	OLED Colored Display 1.14 inch	
Language	Chinese/English	
Interface	Type C/Bluetooth	
APP System	Android/IOS/Windows	
Storage	No limitation through APP	
Dimension	φ31X96mm (Not including the white calibration board)	
Weight	80g (Not including the white calibration board)	
Packing List	Instrument, White calibration board, Data cable, User's manual, Warranty card	

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