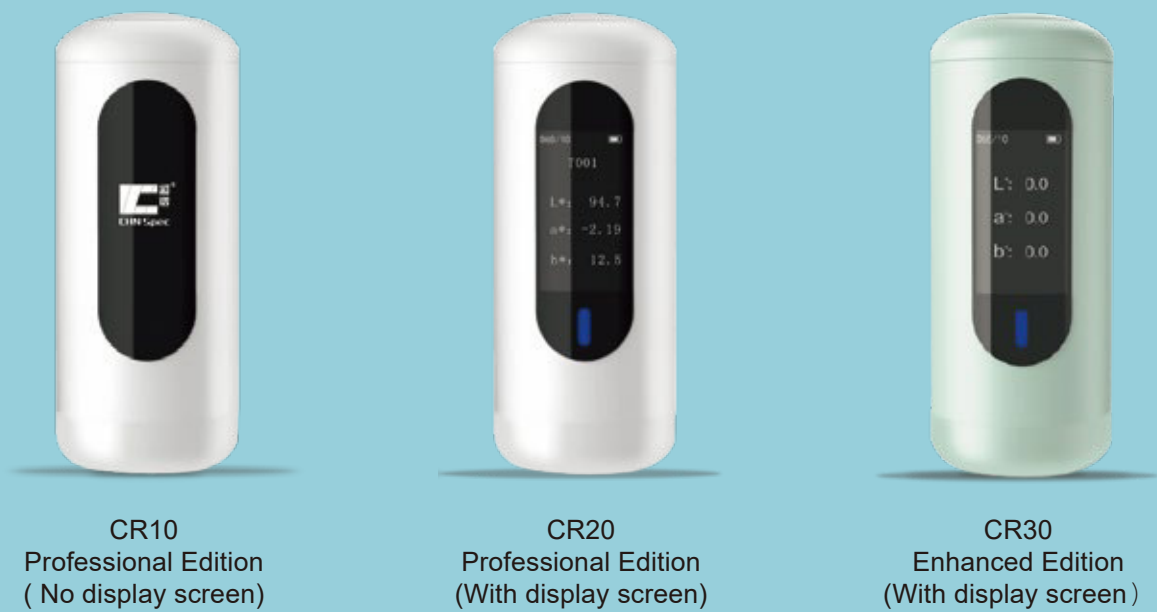


Spectral Colorimeter CR series



CR-10/20/30

Product Features

- Automatic calibration, one-key measurement, get results in 1s
- Adopt 45°/0 geometry that is more in line with the color evaluation by the human eye
- Can be used standalone or connect to App
- Software supported: Android, iOS, Windows QC software
- Magnetic calibration box
- Lipstick-size, more convenient to carry

Technical Data

Model	CR10	CR20	CR30
Geometry	45/0		
Measure index	RGB, Hex, Lab, LCh, HSB, LRV, CMYK(A, T, E, M), XYZ, Yxy, ΔE^*ab , ΔE^*cmc , ΔE^*94 , ΔE^*00		
Light Source	LED (Full Wavelength Balanced LED Light Source)		
Measure Aperture	4mm		
Wavelength Interval	10nm		
Wavelength Range	400nm-700nm		
Repeatability [※]	$\Delta E^*00 \leq 0.1$	$\Delta E^*00 \leq 0.05$	
Inter-instrument agreement ^{※※}	$\Delta E^*00 < 0.5$	$\Delta E^*00 < 0.4$	
Measurement Accuracy	0.1		0.01
Measure Time	1.0s		
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		
Observer	2°, 10°		
Display Screen	No screen	IPS Full Color Screen (135*240, 1.14inch)	
Battery	Rechargeable, 5,000 continuous tests		Rechargeable, 10,000 continuous tests
Language	Chinese, English		
Calibration	Automatic Calibration		
Software supported	Andriod, IOS, Windows		
Weight	About 75g		
Size	Diameter: 33mm, Height: 84mm		
Storage	APP mass storage		

※ Measure white tile 30 times with 5 seconds interval
※※ BCRA II Series , Average measurement of 12 tiles