Model	CI820	CI810	CI520	CI510
Product	SPECTRAL LUMINANCE COLORIMETER	SPECTRAL COLOR ANALYZER	COLOR ANALYZER	COLOR ANALYZER
Wavelength Range	350～800nm	360～780nm	400～700nm	/
Wavelength Interval	1nm			/
Spectrophoto-metric Mode	Concave Grating		Multichannel Filter	CIE XYZ Filter
Lv Range	0.1～200000cd/㎡			
Unit	cd/m²,fL			
Accuracy (Light A)	Lv:±2％±1 display value xy:±0.004(>5cd/㎡)		Lv:±3％±1 display value xy:±0.005(>5cd/㎡)	
Repeatability (Light A)	Lv:0.1％±1 display value xy:0.001(>10cd/㎡) xy:0.002(5~10cd/㎡)		Lv:0.2％±1 display value xy:0.0015(>10cd/㎡) xy:0.0025(5~10cd/㎡)	
Measure Angle	1°			
Aperture	Φ22mm			
Measurement Area	minimum area Φ22mm; Distance=30mm,minimum area Φ24mm; Distance=100mm,minimum area Φ26mm; Distance=500mm,minimum area Φ42mm; Distance=1000mm,minimum area Φ65mm;			
Aim	650nm laser positioning			
Measurement Mode	Auto mode,Continuous mode,Average mode,Flash mode(**except CI510**)			
Measuring Time	Auto mode:0.2~5 s		Auto mode:0.1~5 s	
Observer Angle	2°(CIE1931)			
Color Space	CIE XYZ, Lv xy, Lv u'v' ,Spectrum(**except CI510**)			
Colorimetric Index	1.Lv,CCT(K);CIE31x,y;CIE76u',v';CIE31X,Y,Z;Duv,SDCM;λd,Pe,Pc; Le,Lvis,Luv,Lb,Lg,Lr,Lfr,Lir,Lrb,R(%),G(%),B(%);CRI,S/P,Peak,Center,Centroid (**except CI510**); 2.Flicker(Hz),Modulation(%);(**except CI810**) 3.Display screen Gamut,Gamut Area(%),ΔCuv;5 Points/9 Points Uniformity; 4.CQS CRI,Color Fidelity Qf,Gamut Index Qg and Qp;(**except CI510**); TM-30 Color Fidelity Rf and Gamut Index Rg;TLCI-2012(**except CI810,CI520,CI510**); 5.CIE31 xy diagram,CIE76 u'v' diagram,MacAdam ellipse diagram, CRI/CQS histogram,CRI/CQS radar chart(**except CI510**); **(Note:CI510 does not have partial functions)**			
Data Storage	10000 Pcs	8000 Pcs	2000 Pcs	
Dimension	Body:L*W*H=111X60X28mm, Lens:Φ30X65mm			
Weight	about 340g			
Battery	Li-ion battery,3.7V,4000mAh(8000 measurements within 24 hours)			
Display	2.8-inch TFT color LCD, Capacitive Touch Screen			
Interface	Type C USB，Bluetooth 5.0(Customizable WIFI)			
Language	English, Chinese			
Operating Environment	-10~40℃(0~85%RH/no condensing)			
Storage Environment	-20~50℃(0~85%RH/no condensing)			
Standard Accessory	Power adapter,USB cable,manual(Electronic Version),PC Software(Download from office website), Wrist strap,Wiping Cloth			