Product	500 series IRRADIANCE COLORIMETER		
Model	FILTERS series-CL500	FILTERS series-CL500S	FILTERS series-CL503
Standard	GB/T7922,GB/T5700,GB/T5702,JJG 245,GB/T24824,GB／T36979,ANSI C78 377,GB50034,GB/T15609		
Wavelength	400～700nm, 910nm(HalfWidth 100nm)	400～700nm	400～700nm
Wavelength	1nm	1nm	/
Spectrophoto-metric Mode	Multichannel Filter+CMOS	Multichannel Filter+CMOS	CIEXYZ Filter+CMOS
Range	Ev:1～200000lx , CCT: 1000~100000K		
Accuracy (Light source A)	Ev:±5％±1 display value xy:±0.002(10～200000lx) / xy:±0.0025　(5～10lx)		
Repeatability (Light source A)	Ev:0.5％±1 display value xy:0.001(500～200000lx)/xy:0.002(100～500lx) xy:0.003(20～100lx)/ xy:0.005(5～20lx)		
Cosine Response	Ev:<=5％		
Measurement Mode	Auto mode,Flash mode,Continuous mode, Average mode,Flicker**(no function in Basic and Pro)**		
Measuring Time	Auto mode:0.1~10 s		
Observer Angle	2°(CIE1931)		
Color Space	CIE XYZ, Ev xy, Ev u'v',Spectrum**(no function in Basic and Pro)**		
Colorimetric Index	1.Ev,CCT(K);CIE31x,y;CIE76u',v';CIE31X,Y,Z;Duv,SDCM,White Balance;λd,Pe,Pc;I(cd);Transmittance; Peak(nm),Center(nm),Centroid(nm),CRI,S/P,Ee,Eb,Eg,Er,Erb,R(%),G(%),B(%)**(no function in Basic);** 2.Display screen Gamut,Gamut Area(%),ΔCuv;5 Points/9 Points Uniformity; 3.CRI/Ra;**(no function in Basic)** 4.CIE31 xy diagram,CIE76 u'v' diagram,MacAdam ellipse diagram; CRI/CQS histogram,CRI/CQS radar chart,White Balance diagram**(no function in Basic)**		
Data Storage	Sample 2000 Pcs(Including reference CCT records（D65/A/C/5000K）)		
Dimension	L*W*H=154X62X39mm		
Weight	about 192g		
Battery	Li-ion battery,3.7V,4000mAh(8000 measurements within 24 hours)		
Display	2.8-inch TFT color LCD, Capacitive Touch Screen		
Data Port	Type C USB，Bluetooth 5.0(Customizable WIFI)		
Language	English, Chinese		
Operating Environment	-10~40℃(0~85%RH/no condensing)		
Storage	-20~50℃(0~85%RH/no condensing)		
Standard Accessory	Power adapter,USB cable,Electronic manual,PC Software(Download from website), Protective Cover, Wrist strap,Wiping cloth		