SHENZHEN HUICOLOR TECHNOLOGY CO., LTD.

HUICOLOR

深圳市 荟彩科技有限公司
Shenzhen Huicolor Technology Co., Ltd.

NO.	Product Series	Product	Model	Picture	Characteristic	Application	Recommendation
1	IRRADIANCE COLORIMETER	SPECTRAL IRRADIANCE COLORIMETER	CL800		■Concave grating, 350-800nm, 1nm output, 0.3nm wavelength accuracy; ■Measurement range: illumination 0.1~200000lx, color temperature 1000~100000K; ■Cosine response characteristic within 3%, good consistency with CL500A data; ■2.8-inch capacitive touch screen, 4000mAh lithium battery, TypeC, Bluetooth; ■Measurement modes: automatic mode, flash mode, continuous mode, average mode; ■10000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■70+parameters,user-friendly module differentiation, simple operation.	■LED lighting ■Plant growth lamp ■Stage lighting ■Engineering lighting ■Scientific research ■Photography ■Environmental light ■Automation industry	☆☆☆☆☆
2		SPECTRAL IRRADIANCE COLORIMETER	CL700		■Concave grating, 360-780nm, 1nm output, 0.3nm wavelength accuracy; ■Measurement range: illumination 0.1~200000lx, color temperature 1000~100000K; ■Cosine response characteristic within 3%, good consistency with CL500A data; ■2.8-inch capacitive touch screen, 4000mAh lithium battery, TypeC, Bluetooth; ■Measurement modes: automatic mode, flash mode, continuous mode, average mode; ■8000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■Multiple functions,user-friendly module differentiation, simple operation.	■LED lighting ■Plant growth lamp ■Stage lighting ■Engineering lighting ■Scientific research ■Photography ■Environmental light ■Automation industry	☆☆☆☆☆
3		IRRADIANCE COLORIMETER	CL500		■Multi channel filter+CMOS, 400-700nm, 1nm output, entry-level colorimeter; ■Measurement range: illumination 0.1~200000lx, color temperature 1000~100000K; ■Cosine response characteristic within 5%; ■2.8-inch capacitive touch screen, 4000mAh lithium battery, TypeC, Bluetooth; ■Measurement modes: automatic mode, flash mode, continuous mode, average mode; ■2000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■User-friendly module differentiation, simple operation	■LED lighting ■Engineering lighting ■Standard light box ■Home lighting ■Environmental light	☆☆☆☆
4		IRRADIANCE COLORIMETER	CL503		■CIEXYZ filter+CMOS sensor for testing illuminance and CCT, entry-level colorimeter; ■Measurement range: illumination 0.1~200000lx, color temperature 1000~100000K; ■Cosine response characteristic within 5%; ■2.8-inch capacitive touch screen, 4000mAh lithium battery, TypeC, Bluetooth; ■Measurement modes: automatic mode, continuous mode, average mode; ■2000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■Support secondary calibration using HCAL software.	■LED lighting ■Engineering lighting ■Standard light box ■Environmental light	☆☆☆
5		IRRADIANCE COLORIMETER	CL350		■Multi channel filter, 400-700nm, 1nm output, entry-level colorimeter; ■Measurement range: illumination 0.1~200000lx, color temperature 1000~100000K; ■Cosine response characteristic within 5%; ■1.14-inch TFT screen, 800mAh lithium battery, TypeC, Bluetooth; ■Measurement modes: continuous mode, average mode; ■100 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■Suitable for Ev and CCT acquisition in the automation industry/embedded modules.	■LED lighting ■Engineering lighting ■Standard light box ■Home lighting ■Environmental light ■Automation industry	☆☆☆
6		IRRADIANCE COLORIMETER	CL300		■CIEXYZ filter+CMOS sensor for testing Ev and CCT, entry-level colorimeter; ■Measurement range: illumination 0.1~200000lx, color temperature 1000~100000K; ■Cosine response characteristic within 5%; ■1.14-inch TFT screen, 800mAh lithium battery, TypeC, Bluetooth; ■Measurement modes: automatic mode, continuous mode, average mode; ■100 samples storage;The fastest testing speed is 3 milliseconds. ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■Support secondary calibration using HCAL software; ■Suitable for Ev and CCT acquisition in the automation industry/embedded modules.	■Standard light box, ■Environmental light ■Automation industry	☆☆☆☆
7	LUMINANCE COLORIMETER/COLOR ANALYZER	SPECTRAL LUMINANCE COLORIMETER	CI820		■Concave grating, 350-800nm, 1nm output, 0.3nm wavelength accuracy; ■Measurement range: Lv 0.1~20000cd/㎡, color temperature 1000~100000K; ■Φ 22mm aperture, 1° receiving angle, precise measurement; ■2.8-inch touch screen, 4000mAh lithium battery, TypeC, Bluetooth, laser positioning; ■Measurement modes: automatic mode, flash mode, continuous mode, average mode; ■10000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■60+ parameters, user-friendly module differentiation, simple operation ■Accurate measurement of safety of lamps; ■Equipped with optional lens, the range can reach 5 million cd/㎡	■Engineering lighting ■LED lighting ■Safty of lamps ■Scientific research ■Environmental light ■LCD panel ■Environmental light ■Transmittance ■Automation industry	☆☆☆☆☆
8		SPECTRAL LUMINANCE COLORIMETER	CI820S		■Concave grating, 350-800nm, 1nm output, 0.3nm wavelength accuracy; ■Measurement range: Lv 0.1~20000cd/㎡, color temperature 1000~100000K; ■Φ 2mm aperture, 1° receiving angle, precise measurement; ■2.8-inch capacitive touch screen, 4000mAh lithium battery, TypeC, Bluetooth,laser positioning; ■Measurement modes: automatic mode, flash mode, continuous mode, average mode; ■10000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■60+ parameters, user-friendly module differentiation, simple operation.	■Control luminous panel ■LCD panel ■LED lighting ■Scientific research ■Environmental light ■Transmittance	☆☆☆☆
9		SPECTRAL COLOR ANALYZER	CI810		■Concave grating, 360-780nm, 1nm output, 0.3nm wavelength accuracy; ■Measurement range: Lv 0.1~20000cd/㎡, color temperature 1000~100000K; ■Φ 22mm aperture, 1° receiving angle, precise measurement; ■2.8-inch capacitive touch screen, 4000mAh lithium battery, TypeC, Bluetooth,laser positioning; ■Measurement modes: automatic mode, flash mode, continuous mode, average mode; ■8000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■60+ parameters, user-friendly module differentiation, simple operation.	■Engineering lighting ■LCD panel ■LED lighting ■Safty of lamps ■Environmental light ■Automation industry	☆☆☆☆☆
10		COLOR ANALYZER	CI510		■CIEXYZ filter+CMOS sensor for testing Lv ,xy and CCT, entry-level colorimeter; ■Measurement range: Lv 0.1~20000cd/㎡, color temperature 1000~100000K; ■Φ 22mm measuring aperture, 1° receiving angle; ■2.8-inch touch screen, 4000mAh lithium battery, TypeC, Bluetooth,laser positioning; ■Measurement modes: automatic mode, continuous mode, average mode; ■2000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■Supports HCAL secondary calibration, with high cost-effectiveness	■LCD panel ■Engineering lighting ■LED lighting ■Environmental light ■Color gamut ■Automation industry	☆☆☆☆
11		COLOR ANALYZER	CI510S		■CIEXYZ filter+CMOS sensor for testing Lv ,chromaticity coordinates and CCT; ■Measurement range: Lv 0.1~20000cd/㎡, color temperature 1000~100000K; ■Φ 2mm measuring aperture, 1° receiving angle; ■2.8-inch capacitive touch screen, 4000mAh lithium battery, TypeC, Bluetooth; ■Measurement modes: automatic mode, continuous mode, average mode; ■2000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■Supports HCAL secondary calibration.	■LCD panel ■Control luminous panel ■LED lighting ■Environmental light ■Color gamut ■Transmittance	☆☆☆☆
12		SPECTRAL LUMINANCE COLORIMETER	CI700		■Concave grating, 360-780nm, 1nm output, 0.3nm wavelength accuracy; ■Measurement range: Lv 0.1~20000cd/㎡, color temperature 1000~100000K; ■Φ 6mm aperture, 2.5° receiving angle, precise measurement; ■2.8-inch capacitive touch screen, 4000mAh lithium battery, TypeC, Bluetooth; ■Measurement modes: automatic mode, flash mode, continuous mode, average mode; ■8000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■60+ parameters, user-friendly module differentiation, simple operation.	■LED lighting ■LCD panel ■Transmittance ■Environmental light ■Color gamut	☆☆☆☆
13		COLOR LUMINANCE COLORIMETER	CI503		■CIEXYZ filter+CMOS sensor for testing Lv,xy and CCT, entry-level colorimeter; ■Measurement range: Lv 0.1~20000cd/㎡, color temperature 1000~100000K; ■Φ 6mm aperture, 2.5° receiving angle, precise measurement; ■2.8-inch capacitive touch screen, 4000mAh lithium battery, TypeC, Bluetooth; ■Measurement modes: automatic mode,continuous mode, average mode; ■2000 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■Supports HCAL secondary calibration, with high cost-effectiveness.	■LCD panel ■LED lighting, ■Environmental light ■Color gamut	☆☆☆
14		COLOR ANALYZER	CI300		■CIEXYZ filter+CMOS sensor for testing Lv,xy and CCT, entry-level colorimeter; ■Measurement range: Lv 0.1~20000cd/㎡, color temperature 1000~100000K; ■1.14-inch TFT screen, 800mAh lithium battery, TypeC, Bluetooth; ■Measurement modes: continuous mode, average mode; ■100 samples storage; ■Professional HIQC, HMST, HCAL PC software and mobile APP; ■Support secondary calibration using HCAL software; ■Suitable for Lv and CCT acquisition in the automation industry/embedded modules; ■Suitable for display screen color calibration, DICOM/Gamma calibration.	■LCD panel ■Display color calibration ■LED lighting ■Environmental light ■Automation industry	☆☆☆☆

NO.	Software	Abbreviation	Software icon	Description	Main interface
1	Huicolor Color QC software-PC	HIQC		1.A color QC software running on PC; 2.Support all HUICOLOR colorimeters; 3.Control colorimeters,data management, expand more functional parameters; 4.Print test reports; 5.Export data to Excel.	
2	HUICOLOR Calibration software	HCAL		1.A color software running on PC; 2.Support all HUICOLOR colorimeters; 3.Control colorimeters, calibrate colorimeters; 4.Export data to Excel.	
3	HUICOLOR Multi device synchronous test software	HMST		1.A color software running on PC; 2.Support all HUICOLOR colorimeters; 3.Control colorimeters for synchronous testing; 4.Export test data to Excel.	
4	Huicolor Color QC software-APP	HIQC-APP		1.A color software running on Android phones; 2.Support all HUICOLOR colorimeters; 3.Control colorimeters,data management, and display color parameters.	
5	DisplayCAL	DisplayCAL		1.A color calibration software running on PC; 2.Support all HUICOLOR colorimeters; 3.The software can generate ICC via colorimeters, Make the monitor display colors more accurately.	

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