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# UPRTEK - µSPECTRUM PC-SOFTWARE



#### UPRtek uSpectrum PC Software

UPRtek design and produce handheld spectrometer not only provides an easier measurement method, but also abundant spectral information which is widely used in optics field.

The handheld spectrometer is not only integrating with smart device, but it's plentiful measurement data is also helping professional users to have advanced study and research via uSpectrum PC software.

The uSpectrum PC software can access up to 16pcs handheld spectrometers, and then conduct a single connection according to the requirements to increase the efficiency.

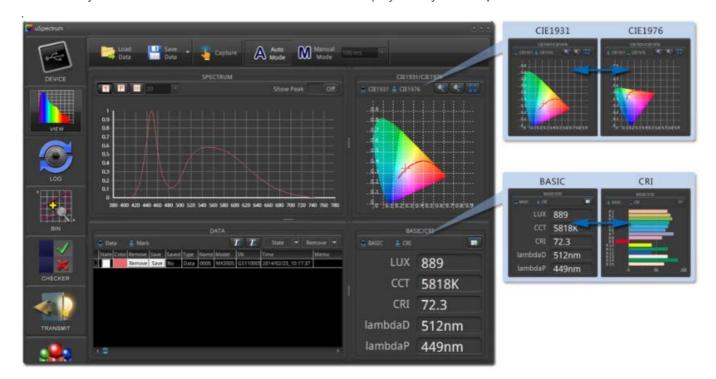


#### uSpectrum VIEW-Mode

Including more than 50 measurement units.

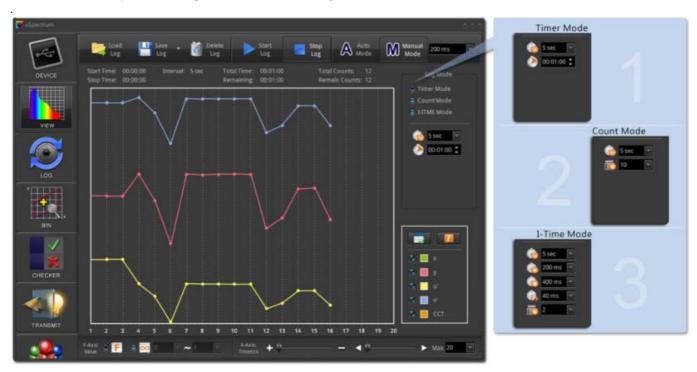
Spectrum diagram, CIE color space and CRI chart for further analysis.

Customize your common used data on BASIC window. Simplify what you need.



### uSpectrum LOG-Mode

A long time measurement monitor Meet the needs of product design on the different analysis.



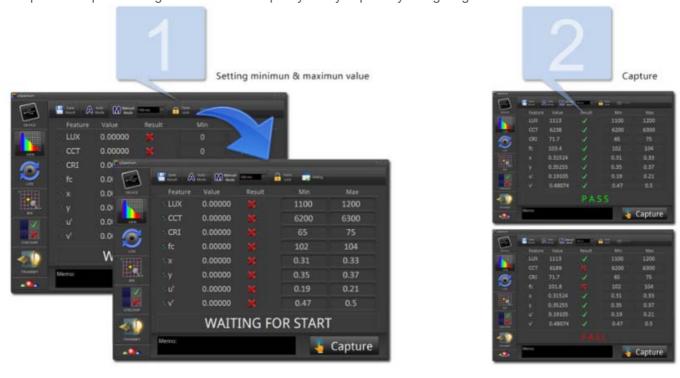
#### uSpectrum BIN-Mode

BIN editor has build-in ANSI C78.377 and McAdams Ellipses. Besides, you may generate your own BIN chart according to what your need.



### uSpectrum CHECKER-Mode

Setup the acceptance range and control the quality easily especially for lighting manufacture..



#### uSpectrum PC-Software-Test Report

Measure and print just in 1 step

## SPECTRUM TEST REPORT

#### Date: 2016/07/29 ■ Information **■** BASIC User: maggie Measure Time: 09:34:44 CCT : 5642K LUX : 97.65 Model NO.: MK350D Light Source: bbbb Memo: I-Time : 1000 Purity : 2.30% S/P : 1.96 ■ CIE1931 ■ CIE1976 CRI R1 R2 0.8 0.6 R3 0.7 **R4** 0.5 R5 0,6 R6 0.4 R7 0.5 RS 0.4 0.3 R9 R10 0.3 0.2 0.2 R12 R13 0.1 0.1 R14 0.1 0.2 0.3 0.4 0.6 0.7 0.8 0.9 50 0.2 0.5 0.6 0.7 Spectrum Color Vector Graphic Max = 2.50(mW/m2)0.9 0.8 0.7 0.6 0.5 0.4 0.3 0.2 380 400 420 440 460 480 500 520 540 560 580 600 620 640 660 680 700 720 740 760 780 reference: test: Features CCT : 5642K :-0.0001 Duv : 0.0030 PPF-R : 0.392 R2:80.2 R9 : -2.3 Δx Rf : 75.3 LUX : 97.65 : 0.0058 : 0.655 R3:81.7 R10:51.5 Δу λD : 530 Rg : 95.8 PPF-G I-Time: 1000 :-0.0023 AP GAI : 84.8 R4:78.0 R11:74.8 Δu' : 448 PPF-B : 0.355 : 0.0030 PPF-UV : 0.013 R5:76.1 R12:51.0 : 0.3292 Δv λPV TLCI : 61.8 : 2.5 CQS : 76.0 : 0.3442 : 93.40 S/P PPF-NIR : 0.162 R6:72.4 R13:76.0 : 1.96 : 0.2035 : 97.65 Purity : 2.30% CRI : 77.0 Pct Flicker :2.44 % R7:84.6 R14:90.3

Source: UPRTek

: 0.4786

: 92.69

: 9.075

PPF : 1.393

: 75.9

R8:67.0

R15:71.2