



HIGH END SOLUTIONS for PREPRESS, PRINT and PACKAGING

FLUOSP SPECTRO



FLUOSP Spectro Fluorescence Spectrophotometer

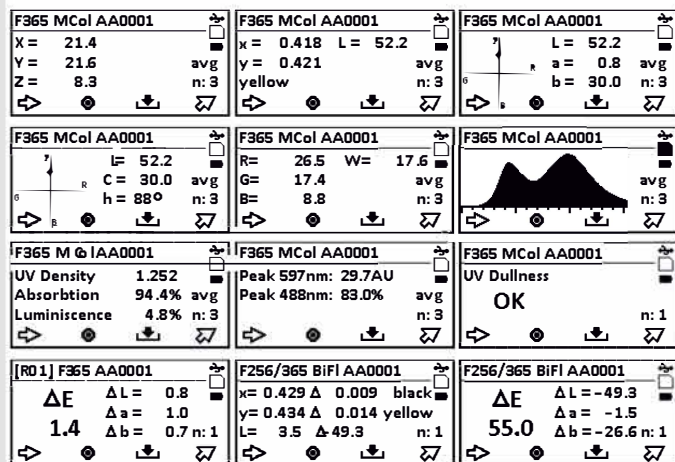
Using invisible inks to protect your products against counterfeiting is a simple and effective way as you can create your own color combinations, your own screen rulings and screen types and your own layout. No scanner in the world will be able to copy what you design. The smaller the print tolerances you can produce, the more secure the proper element will be. Use the FLUOSP Spectro to control the correctness of invisible fluorescent inks with full spectral resolution.



FLUOSP SPECTRO

Fluorescence Spectrofotometer

FUNCTIONS



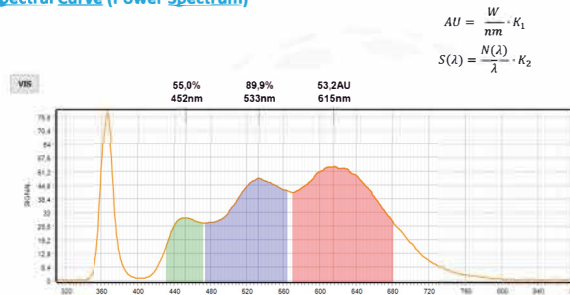
The easy to understand device user interface gives access to many measurement functions

12 Reference colors can be stored in the devices memory

More than 300 individual measurements can be stored in then device memory before uploading them to the PC

FLUORESCENCY POWER

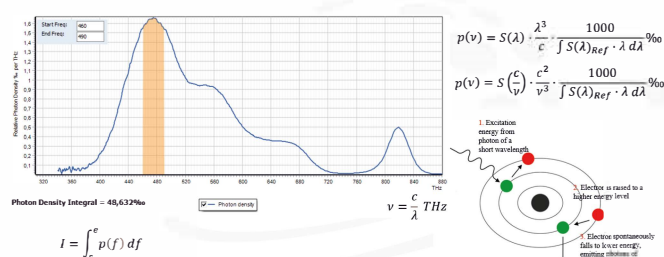
Spectral Curve (Power Spectrum)



$$AU = \frac{W}{nm} \cdot K_1$$

$$S(\lambda) = \frac{N(\lambda)}{\lambda} \cdot K_2$$

Relative Photon Density



SOFTWARE



Configure the FLUOSP Spectro according to your needs,
define the parameters for peak recognition
configure the specification for UV Dullness Pass Fail
Upload measurement data and
Analyze the spectral curve

DATA SHEET

Optical design	45° / 0°UV+White
Illumination	1xLED 256nm 2xLED 365nm + Visual Cut Filter 3xLED White
Receiver	Diffraction Grating 288 Pixels 310nm ...880nm approx. 2nm resolution - 1nm Output
Spectral reproducibility	0.5nm
Spectral accuracy	0.5nm
Colorimetry	XYZ Xy Lab LCh
Fluorescence	Spectral Curve UV Density Absorbance Luminiscence Auto Peak detection BiFL 256nm/365nm BiFL 365nm/VIS BiFL 256nm/VIS Relative Photon Density
Display	BW - E-Panel Graphical Display
Power Supply	4 x AA Batteries 1.5VUSB 2.0
Communication Interface	VCP bi-directional IRDA -> USB 2.0 VCP unidirectional
WeightDimensions (LxWxH)	1kg 15cm x 7cm x 4cm



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