

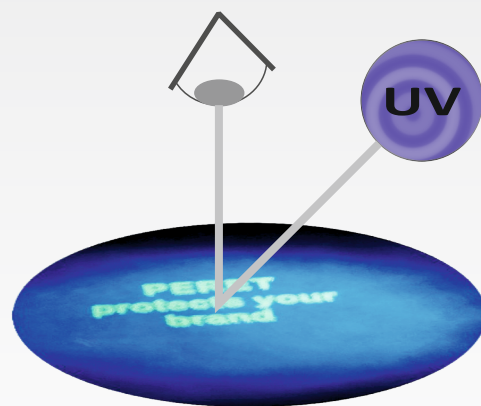
HIGH END SOLUTIONS for PREPRESS, PRINT and PACKAGING

FLUODX



FLUODX Fluorescence and Phosphorescence Colorimeter

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. The FLUODX is the ideal tool to support you in printing fluorescent or phosphorescent colors in a repeatable manner.



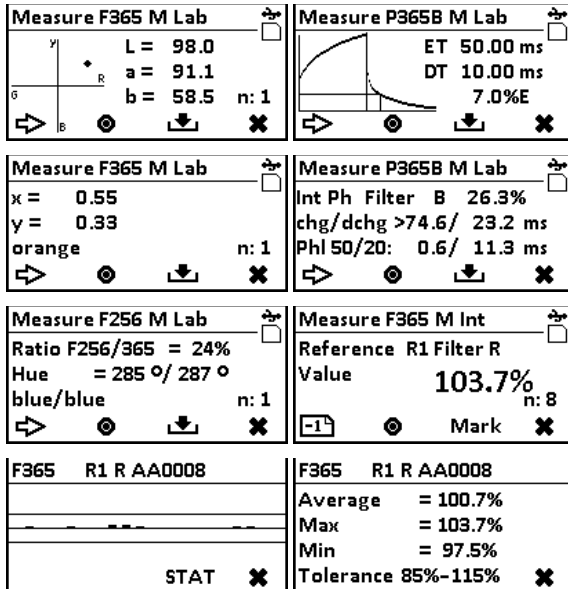
PERET GmbH/Srl
Forch Str. 6
39042 Vahrn, ITALY
www.peret.it info@peret.it

SECURITY PRINT

FLUODX

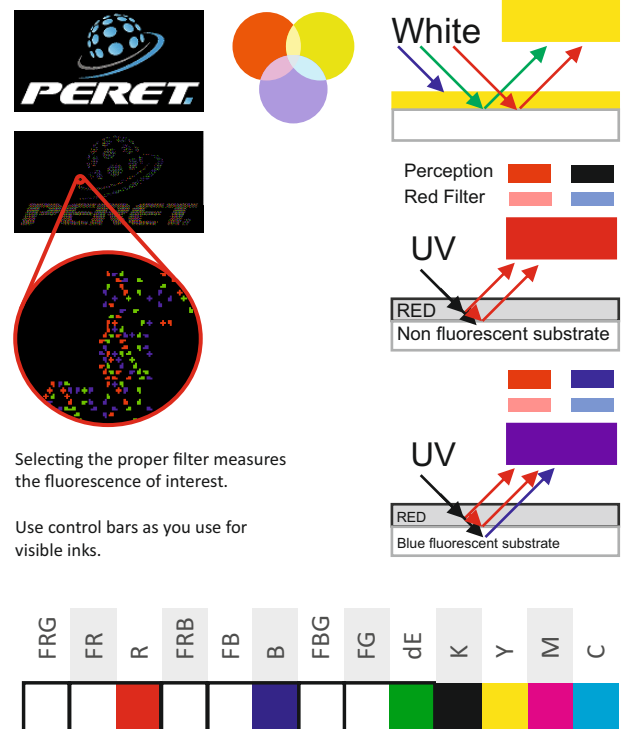
Fluorescence and Phosphorescence Colorimeter

FUNCTIONS

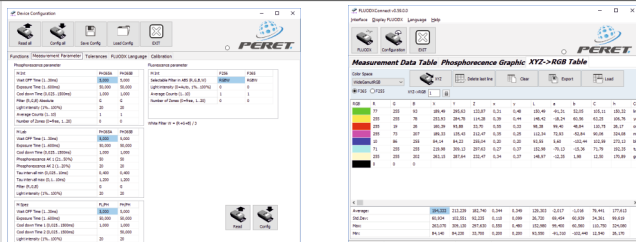


The easy to understand device user interface gives access to many measurement functions

DESIGN AND CONTROL

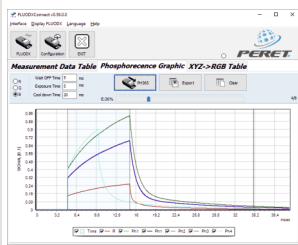


SOFTWARE



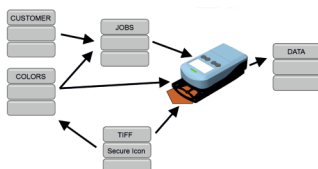
Configure the FLUODX according to the needs of the application

Measure the visual color impression of samples using FLUODXConnect



Compare phosphorescence behaviour samples using FLUODXConnect

FLUODX Connect PRO



Create your own security icons
Organize references colors in jobs and download the references to the device
Use up to 12 references per mode
Collect measurement data in a database and print reports

DATA SHEET

Optical design
Illumination
Receiver
Colorimetry

Fluorescence
Phosphorescence

Measurement time F
Measurement time Ph

Display
Power Supply
Communication Interface

WeightDimensions (LxWxH)

45° / 0°UV
LED 365nm + Visual Cut Filter
UV LED 256nm
RGB + UV/IR-Cut
FilterWideGammut RGB to XYZ
Xy
Lab
LCh
BiFl
Delta EAbsolute
Relative (4 References)
R,G,B, K=R+G+B, A=max(R,G,B)
Ph after delay time
Ph relative (Ph/Fl)
Decay Curve Graph
Charging, Discharging time estimate
Decay time to reach xx% Signal
< 1Sek
1ms .. 600ms at 40kHz sample rate
1ms .. 1200ms at 20kHz sample rate
1ms .. 1500ms at 10kHz sample rate
BW – E-Panel Graphical Display
4 x AA Batteries 1.5VUSB 2.0
VCP bi-directional
IRDA -> USB 2.0 VCP unidirectional
1kg15cm x 7cm x 4cm