HIGH END SOLUTIONS for PREPRESS, PRINT and PACKAGING
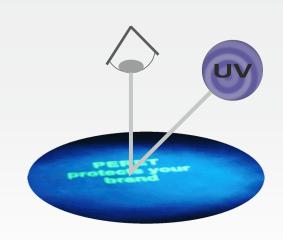
FLUO DX

FLUODX Fluorescence and Phosphorescence Colorimeter

Using invisble 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.
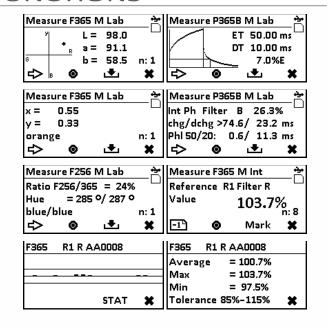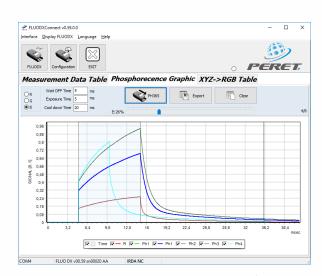
SECURITY PRINT

PERET

FLUO DX

Fluorescence and Phosphorescence Colorimeter

FUNCTIONS

Measure F365 M Lab	Measure P365B M Lab
L = 98.0	ET 50.00 ms
a = 91.1	DT 10.00 ms
b = 58.5 n: 1	7.0%E

Measure F365 M Lab	Measure P365B M Lab
x = 0.55	Int Ph Filter B 26.3%
y = 0.33	chg/dchg >74.6/ 23.2 ms
orange n: 1	Phl 50/20: 0.6/ 11.3 ms

Measure F256 M Lab	Measure F365 M Int
Ratio F256/365 = 24%	Reference R1 Filter R
Hue = 285 °/ 287 °	Value 103.7%
blue/blue n: 1	n: 8

F365 R1 R AA0008	F365 R1 R AA0008
	Average = 100.7%
	Max = 103.7%
	Min = 97.5%
STAT	Tolerance 85%–115%

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

DESIGN AND CONTROL

FRG FR R FRB FB B FBG FG dE K Y M C

PHOSPHORESCENCE

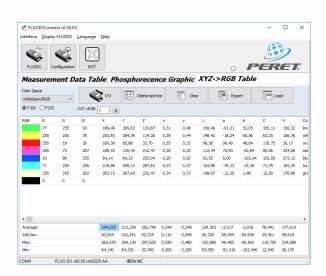

Compare phosphorescence behaviour of various samples using the FLUODXConnect Software

FLUORESCENT COLOR

Measure the visual color impression of various samples using the FLUODXConnect Software