

Application - News N°212 SPECTRO-3 series

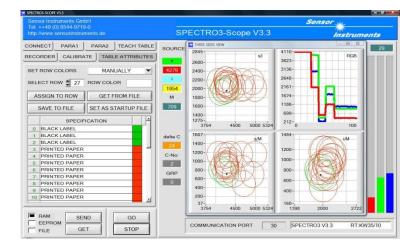
» Instruments

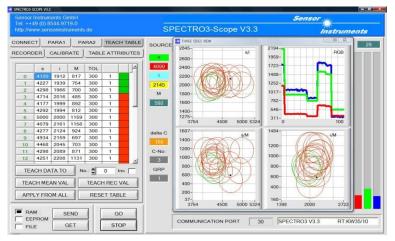
Sensor Let's make sensors more individual

## 1. Detection of fluorescent labels on printed cigarette box paper

An adhesion surface area of printed cigarette box paper is marked with a fluorescent label. The task is to detect this fluorescent label. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an external lightning source **SPECTRO-3-ELS-UV**, an optical fiber type **R-S-R2.1-**(6x1)-1200-Y-22°/67°-UV as well as an optical frontend type **KL-8-R2.1** are used. The distance of the frontend to the label is approximately 11mm and the spot size is around 3mm x 0.5mm.







. ++49 (0) 8544-9719-0 p://www.sensorinstruments.de	SPECTRO3-Scope V3.3	Instruments
American A		
INECT PARA1 PARA2 TEACH TABLE S	SOURCE	1367-29
ORDER CALIBRATE TABLE ATTRIBUTES	2800- 8/1	1226- RGB
	2600-	
OWER MODE STATIC	4255 2400-	1085-
OWER (pm) 803	· 2200-	944-
0 250 500 750 1000	1941 2000-	803-
ED MODE AC V DYNWIN HI 3300	м 1800-	662-
	716 1600-	521-
AIN AMP8 V DYNWIN LO 3200	1400-	380-
VERAGE 8	1165- 3754 4500 5000 5544	239-0 100
20	1212	1484-
	s/M	i/M
AXCOL-No. 3 20	47 1400-	1200-
UTMODE DIRECT HI	C-No: 1200-	1000-
ITLIM 0	1 1000-	MAX AND
	GRP 800-	800-
VALUATION MODE BEST HIT	0 400-	600-
ALCULATION MODE S/i/M	200-	400-
KTEACH OFF TRIGGER CONT		
	-73- 3754 4500 5000 5544	160-1398 2000 2722





