

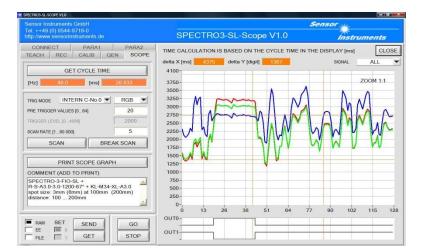
**Application - News** 

N°392 SPECTRO-3 series



## 1. Plastic film position control on cartons

The correct position of a plastic film on a carton should be monitored. At this, the plastic film should cover the upper end of the carton around 10mm. For this purpose a color sensor type **SPECTRO-3**-**FIO-SL** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-67°** and an optical frontend type **KL-M34-XL-A3.0** are used. The distance of the optical frontend to the carton is approximately 100mm and the spot size at this distance is roughly 6mm. The plastic film can be proper detected as shown in the screenshots.



Sensor Instruments GmbH		ين Sensor			
el. ++49 (0) 8544-9719-0 ttp://www.sensorinstruments.de		SPECTRO3-SL-Scope V1.0		Instruments	
TEACH REC CALIB GEN SCOP CONNECT PARA1 PARA2	E 5018	RGB INTENSITY 3D	RED 2313	GRN 2285 BLUE 244	
POWER MODE STATIC		2200-	s/i 2675-	RGB	
POWER (pm) 912	1963	2100-	2450-		
0 250 500 750 1000	M	2000-	2225-		
LED MODE AC V DYNWIN HI 3300	954	1900-	2000-		
		1800-	1775-		
GAIN AMP8 DYNWIN LO 3200		1700-	1550-		
AVERAGE 64 TINTEGRAL 12		1600-	1325-		
	-	1508-, 4617 4800 5000 5200	5393 1100-0	100	
MAXCOL-No. 20	delta C	1349-	1349-	i/M	
DIGITAL OUTMODE DIRECT HI	48	1200-	1200-		
INTLIM 0	C-No:	1100-	1100-		
	9	1000-	1000-	A.X/	
EVALUATION MODE BEST HIT		900-	900-	AAN	
CALCULATION MODE s i M - 3D	-	700-	700-		
EXTEACH OFF TRIGGER CONT		600-	600-		
		433-	433-		
RAM SET SEND GO	1	4547 4800 5000 5200		1600 1800 2000 2200 235	
	-				
FILE 1 GET STOP		COMMUNICATION PORT	49 SPECTRO	3 SL V1.0 RT Aug 14 2012	

