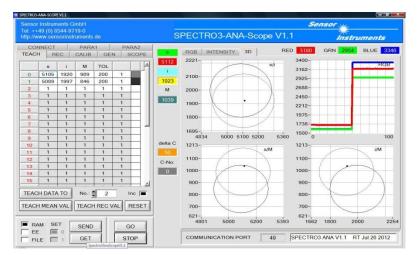
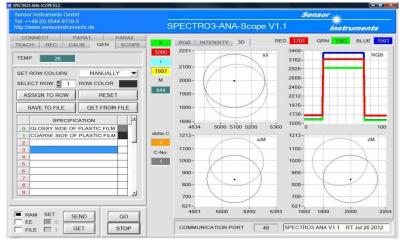




1. Differentiation between front- and backside of a plastic film

The glossy front side of a plastic film should be differentiated from the coarse back side. For this purpose a color sensor type **SPECTRO-3-FIO-ANA** in connection with an optical fiber type **D-S-A2.0-(2.5)-1200-67°** and a mechanical fixture for the optical fiber type **KL-10/75°-A2.0** are used. The distance from the mechanical fixture to the plastic film surface is approximately 10mm and the spot size at this distance around 10mm x 30mm. The front side can be proper differentiated from the back side as shown in the screen shots.





Sensor Instruments GmbH fel. ++49 (0) 8544-9719-0		Sensor
	SPECTRO3-ANA-Scope V1.1	Instruments
REC CALIB GEN SCOPE CONNECT PARA1 PARA2	B RGB INTENSITY 3D RED 2	
POWER MODE STATIC	5087 MIN 0 MAX 0 MIN 0 MAX	K 0. MIN 0 MAX (
POWER (pm) 808	2006 3840-	
0 250 500 750 1000	M 3584-	
ED AC VONWIN HI 3300	935 3328-	
CAIN AMP8 DYNWIN LO 3200	3072-	
VERAGE 128 VINTEGRAL 5	2816-	
NA OUT RGB V CONT V	2560- 2304-	
	delta C 2048-	
MAXCOL-No. 2	C-No: 1536-	
INTLIM 0	1 1280-	
EVALUATION MODE BEST HIT	1024-	
CALCULATION MODE S I M - 3D V	768-	
EXTEACH OFF V TRIGGER CONT V	512-	
	0-	
RAM SET SEND GO	0	100
	COMMUNICATION PORT 49 SPE	CTRO3 ANA V1.1 RT Jul 26 201

