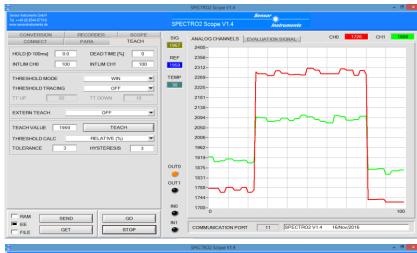
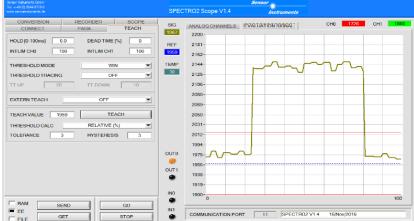


*不 Instruments* 

## 1. Glue line detection on cigarette filter paper

A glue line should be detected on cigarette filter paper. It should be noted, that the solvent used for the glue is water based. For this purpose, a double-contrast sensor type **SPECTRO-2-FIO-(IR2+IR3)/IR** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-Y-67°-(1P+1BP)/2P** is used. Here, the distance of the optical frontend to the cigarette paper is approximately 5mm and the spot size is around 4mm in diameter. The glue line can be proper detected as shown in the screen shots.





	SPECTRO2 Scope V1.4	
Instruments GribH ial ++49 (3) 8544 9719-0	Sensor	
	SPECTRO2 Scope V1.4 Instruments	
CONNECT PARA TEACH CONVERSION RECORDER SCOPE	TIME CALCULATION IS BASED ON THE CYCLE TIME IN THE DISPLAY [ms]	CLOSE
GET CYCLE TIME	delta X [ms] 8812 delta Y [digit] 1367 [V] 3.34 4100-	SIGNAL ALL
[Hz] 4.8 [ms] 209.800	3750-	ZOOM 1:1
TRIGGER MODE SINGLE SHOT	3500-	
PRE TRIGGER VALUES [064] 10	3000-	
TRIGGER LEVEL [04096] 2000	2750	
SCAN RATE [160 000] 1	2250	
SCAN BREAK SCAN	2000-	
PRINT SCOPE GRAPH	1750-	
COMMENT (ADD TO PRINT)	1250-	
SPECTR0-2-FIO-(IR2/IR)((IR3/IR) + R-5-A3.0-3.0-1200-Y-67-(2P)(1P+1BP) distance to the object 5mm	1000- 750-	
	500-250-	
	0 13 26 38 51 64 77 90	102 115 128
	IN07	102 110 120
	IN1-	
RAM SEND GO		
FILE GET STOP		



