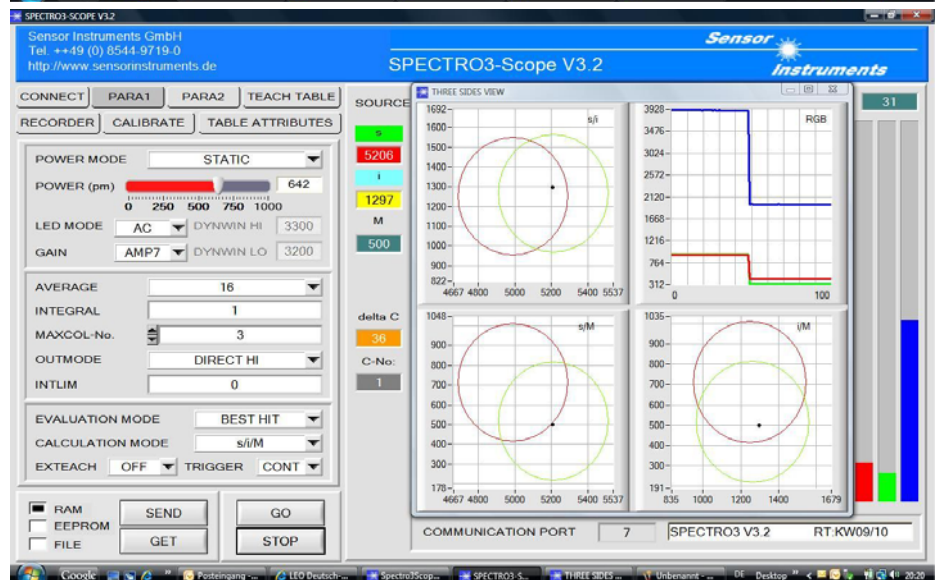
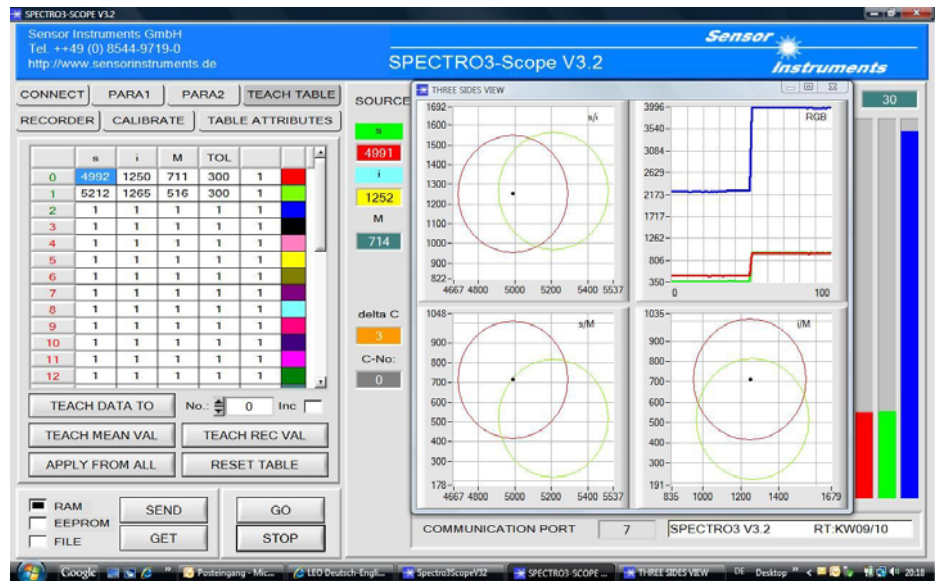
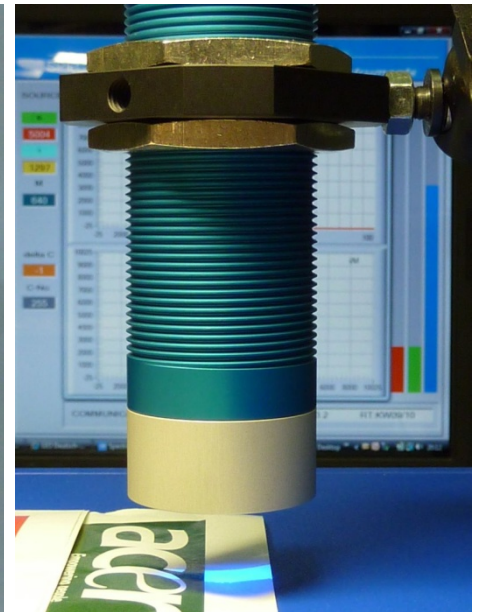




1. Fluorescence stripe detection on newspapers

Newspapers with quality defects will be marked with a fluorescence stripe. These newspapers must be automatically detected and rejected from the normal product stream. With a color fluorescence sensor type **SPECTRO-3-30-UV** the fluorescence stripe can be properly detected, even on a different colored background. There is not only an intensity shift between the background and the fluorescence stripe but also a color shift. The distance to the surface is approximately 30 mm, at this distance the

detecting area is around 15 mm in diameter and the scan frequency lies in the range of 20 kHz, the switching frequency is 20 kHz, too.



SPECTRO3 SCOPE V3.2
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Sensor Instruments

SPECTRO3-Scope V3.2

CONNECT | PARA1 | PARA2 | TEACH TABLE
 RECORDER | CALIBRATE | TABLE ATTRIBUTES

SET ROW COLORS: MANUALLY
 SELECT ROW: 0 ROW COLOR: [Black]

ASSIGN TO ROW | GET FROM FILE
 SAVE TO FILE | SET AS STARTUP FILE

SPECIFICATION		
0	fluorescent stripe	[Red]
1	background fluorescence	[Green]
2		[Blue]
3		[Black]
4		[Black]
5		[Yellow]
6		[Black]
7		[Black]
8		[Black]
9		[Black]
10		[Black]

RAM SEND GO
 EEPROM GET STOP
 FILE

SOURCE

- C
- 5206
- I
- 1297
- M
- 500

delta C: 36
 C-No: 1

THREE SIDES VIEW

COMMUNICATION PORT: 7 | SPECTRO3 V3.2 | RT.KW09/10

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Taskbar: Google, Posteingang, LEO Deutsch, Spectro3Scope, SPECTRO3 S..., THREE SIDES..., Unbenannt, DE Desktop, 20:23