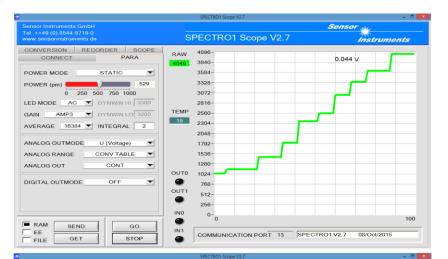
Instruments

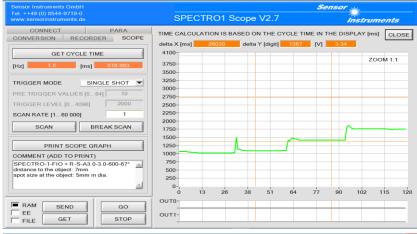
N°633 SPECTRO-1 series

**Application - News** 

## 1. Soot quantity measurement on filter paper

The amount of soot on filter paper should be measured. For this purpose, a contrast sensor type **SPECTRO-1-FIO** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-67°** is used. At this, the distance from the optical fiber frontend to the object is approximately 5mm and the spot size at this distance has a diameter of roughly 4mm. The soot quantity can be proper measured as shown in the screenshots.





			SPECTRO1 Scope V2.7	- 8
Sensor Instruments GmbH Tel. ++49 (0) 8544-9719-0			Sensor 💥	
	49 (0) 8544-9719-0 ensorinstruments.de		SPECTRO1 Scope V2.7	Instruments
CONV	CONNECT ERSION RECO ERSION TABLE	PARA DRDER SCOPE	CALCULATE CONVERSION DATA SAVE CONVER	SION DATA TO EE
1	0	10000	9000-	
2	1882	5300	8500-	
3	851	8500	8000-	
4	887	8300	7500-	
5	1653	5700	7000-	
6	1596	5800		
7	1146	7300	6500-	
8	-1	-1	6000-	
9	-1	-1	5500-	
10	-1	-1	5000-	
11	-1	-1	4500-	
12	-1	-1	4000-	
13	-1	-1 💌	3500-	
ASSIGN RAW 316		RAW 316	3000-	
GET TABLE FROM FILE SAVE TO FILE		SAVE TO FILE	2500- 2000-	
GET TABLE FROM EE SAVE TO EE		SAVE TO EE	1500-	
RA	SEND	GO STOP	500- 0 500 1000 1500 2000 250	3000 3500 4100







