

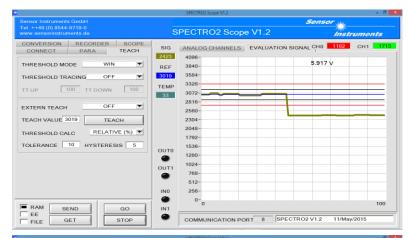
**Application - News** 

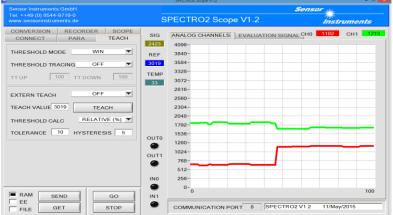
N°593 SPECTRO-3 series



## 1. Moisture control of wood pellets

The moisture of wood pellets should be controlled. For this purpose a double-contrast sensor type **SPECTRO-2-FIO-(IR2/IR)/(IR3/IR)** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-Y-67°-2P/2P** is used. At this, the distance between the optical fiber and the object is approximately 40mm and the spot size at this distance is around 15mm in diameter. Furthermore, the angle between the optical axis of the optical fiber and the vertical is roughly 20°. The moisture of the wood pellets can be proper detected as shown in the screen shots.





	SPECTRO2 Scope V1.2	- 6
Sensor Instruments GmbH	Sensor 💥	
Tel. ++49 (0) 8544-9719-0 www.sensorinstruments.de	SPECTRO2 Scope V1.2	Instruments
CONNECT PARA TEACH	TIME CALCULATION IS BASED ON THE CYCLE TIME IN	THE DISPLAY [ms] CLOS
GET CYCLE TIME	delta X [ms] 24061 delta Y [digit] 1367 [V] 3.	
[Hz] 1.7 [ms] 572.883	3750- 3500-	ZOOM 1:1
TRIGGER MODE SINGLE SHOT  PRE TRIGGER VALUES [064] 10	3250- 3000- 2750-	
TRIGGER LEVEL [04096] 2000	2/30-2500-2250-	
SCAN RATE [160 000] 1	2000-	
SCAN BREAK SCAN	1750- 1500-	
PRINT SCOPE GRAPH	1250-	
COMMENT (ADD TO PRINT)	750-	
SPECTRO-2-FIO-(IR2/IR)/(IR3/IR) +R-S-A3.0-3.0-Y-1200-67°-(2P/2P) 20° to the vertical axis	500- 250-	
distance to the object: 35mm spot size at the object: 15mm in diameter	0-13 26 38 51 64 77	90 102 115 1;
EE GO	IN1- OUT0-	
FILE GET STOP	OUT1	







SE