Sensor Let's make sensors more individual



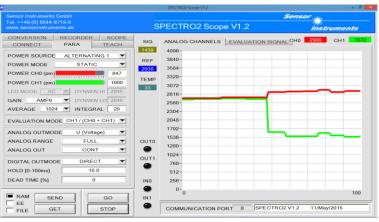
Application - News

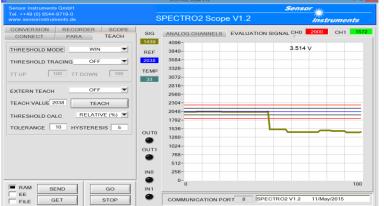
N°589 SPECTRO-2 series



1. Moisture control of wheat

The moisture of wheat 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 from the optical fiber to the object is around 40mm and the spot size at this distance is approximately 15mm in diameter. Furthermore, the optical axis of the fiber is inclined roughly 20° to the vertical axis. The moisture of wheat can be proper controlled as shown in the screenshots.





SPLAY [ms] CLOSE

102 115 128

ZOOM 1:1

	SPECTRO2 Scope V1.2	
Sensor Instruments GmbH Tel. ++49 (0) 8544-9719-0 www.sensorinstruments.de	SPECTRO2 Scope V1.2	Sensor Instr
CONNECT PARA TEACH CONVERSION RECORDER SCOPE	TIME CALCULATION IS BASED ON THE CYCLE TIME IN	
GET CYCLE TIME	delta X [ms] 20603 delta Y [digit] 1367 [V] 4100-	3.34 SIGNAL
Hz] 2.0 [ms] 490.537	3750	
SINGLE SHOT SINGLE SHOT PRE TRIGGER VALUES [064] 10	3250- 3000- 2750-	
TRIGGER LEVEL [04096] 2000 SCAN RATE [160 000] 1	2500- 2250- 2000-	
SCAN BREAK SCAN	1750-	
PRINT SCOPE GRAPH	1250-	
COMMENT (ADD TO PRINT) SPECTRO-2-FIO-(IR2/IR)/(IR3/IR) + K-S-A3.0-3.0-Y-1200-67*-(2P/2P) 20° to the vertical axis, 30mm distance 15mm apot size	750- 500- 250- 0-,	
Tomm spot size	0 13 26 38 51 64 77	90 102
RAM SEND GO	IN1-	
EE GET STOP	OUT0- OUT1-	





