## **Press Release Sensor Instruments**

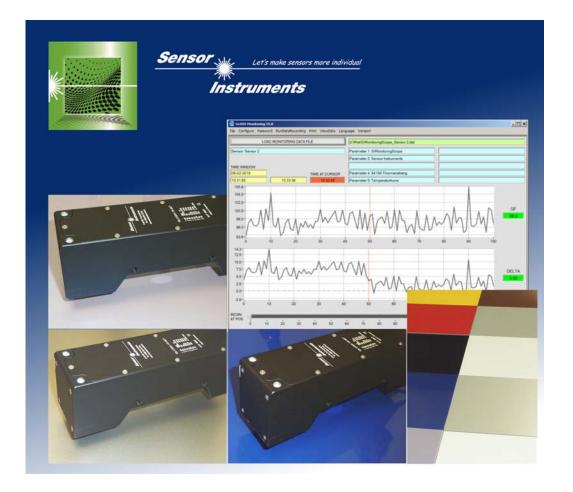
June 2020

## **Perfect Gloss for Metal Plates!**

**22.06.2020. Sensor Instruments GmbH:** When metal plates are painted, both their color and their gloss factor must be measured after the painting process. Gloss measurement is performed inline and immediately after the painting process to allow a quick response to possible deviations of the gloss factor from the respective setpoint value.

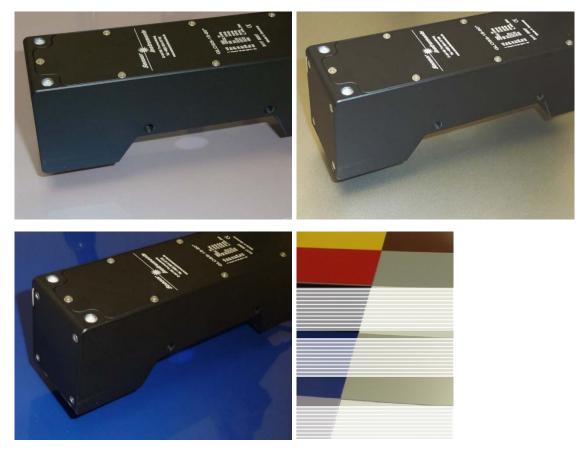
Sensor

A gloss sensor of the **GLOSS series (GLOSS-15-60°)** that measures the gloss factor at a distance of 15mm from the object is used for this application. The "GLOSS-Monitoring" software is used to display the measurement values. Measurement data are sent to the PC via Ethernet and are there displayed graphically and numerically. Gloss factor data together with other production data (operator, date, time, line, customer, product, order, ...) are saved in a file for documentation purposes and for quality assurance.



Let's make sensors more individual

Instruments



When metal plates are painted, both their color and their gloss factor must be measured after the painting process



Display of measurement data of a gloss sensor GLOSS-15-60° with the GLOSS-Monitoring Windows® software

el. ++49 (0) 8544-9719-0	GLOSS Scorp V10				
ww.sensorinstruments.de	GLOSS Scope V1.0		In	Instruments	
CONVERSION RECORDER SCOPE CONNECT PARA TEACH	CH REF	ANALOG CHANNELS GLOSS FACT	OR	TEMP 16	
POWER (pm) 0 250 500 750 1000	CH DIR 3490 GF	200.0- 190.0- 180.0- 170.0- 160.0- 150.0-	2.349 ∨		
LED MODE AC ✓ DYNWIN HI 3500   GAIN AMP6 ✓ DYNWIN LO 3200   AVERAGE 256 ✓ INTEGRAL 1	23.5	140.0- 130.0- 120.0- 110.0- 100.0-			
ANALOG OUTMODE U (Voltage) V ANALOG OUT CONT		90.0- 80.0- 70.0- 60.0- 50.0-			
ANALOG OUT FROM 0 TO 100	V-No:	40.0- 30.0- 20.0-			
DIGITAL OUTMODE DIRECT HI		10.0-			
EE GET GO	IN1	COMMUNICATION PORT 28 G	LOSS V1.0 13/Feb	100	

Parameterisation of the gloss sensor GLOSS-15-60° with the GLOSS-Scope Windows® software

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