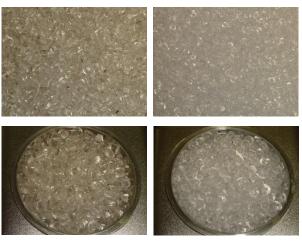


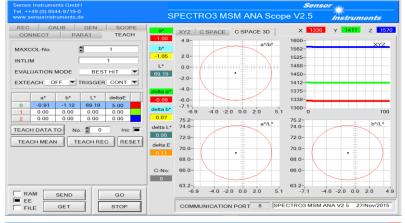
Application - News N°600 SPECTRO-3 series

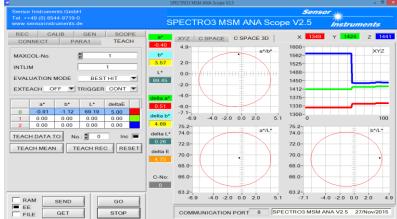


1. Color measurement of transparent plastic pellets

Transparent plastic pellets should be color controlled and especially the yellowing should be detected. For this purpose a color sensor type **SPECTRO-3-500-COF-d50.0-MSM-ANA** is used. At this, the distance between the sensor and the object is around 300mm and the spot size at this distance is approximately 40mm x 30mm, elliptical. Furthermore, the optical axis of the sensor is 45° inclined to the vertical. The color of the transparent plastic pellets can be proper measured as shown in the screen shots.







Sensor Instruments GmbH		Sensor w.										
Tol. ++49 (0) 8544-9719-0 www.sensorinstruments.de	SPECTRO3 MSM ANA Scope V2.5								Instruments			
REC CALIB GEN SCOPE		CALIB REF CALIB DATA SENSOR DATA						ALLE TA	Scroll all CLOSE			
PARA		L*	a*	b*			X SI	Y SI	Z SI		1409	
Make sure that you have adjusted the sensor	1 8	33.4100	-1.8000	7.2900		-	2070	2241	2102		RAW Y	
with meaning and an end of the second second		32.8900	-0.2800	7.9200		2	1037	1117	1010	111	1513	
		6 3300	-3 3100	0.8900		3	1762	1924	2037		_	
REFERENCE 😂 🖬 🕛 👘		0.0000	0.0000	0.0000		4	0	0	0		RAW 2	
C SPACE OF REF SETVALUE	5	0.0000	0.0000	0.0000		5	0	0	0		1665	
C SPACE OF REF SETVALUE	6	0.0000	0.0000	0.0000		6	0	0	0	1		
	7	0.0000	0.0000	0.0000		7	0	0	0	1		
	8	0.0000	0.0000	0.0000	-	8	0	0	0			
9	9	0.0000	0.0000	0.0000		9	0	0	0			
SETVALUE TABLE 📑 🖬 🖱 📋	10	0.0000	0.0000	0.0000		10	0	0	0	1		
C SPACE L*a*b* ROWS 3	11	0.0000	0.0000	0.0000		11	0	0	0			
	12	0.0000	0.0000	0.0000		12	0	0	0			
	13	0.0000	0.0000	0.0000		13	0	0	0			
ACTUAL XYZ VALUE TABLE 🛛 😅 🔲 🕛 📋	14	0.0000	0.0000	0.0000		14	0	0	0			
	15	0.0000	0.0000	0.0000		15	0	0	0			
ASSIGN TO ROW No.: 4 Inc		0.0000	0.0000	0.0000		16	0	0	0			
		0.0000	0.0000	0.0000		17	0	0	0			
		0.0000	0.0000	0.0000		18	0	0	0			
GALCOF SEND OF GET OF		0.0000	0.0000	0.0000		19	0	0	0			
		0.0000	0.0000	0.0000		20	0	0	0			
RAM SEND GO		0.0000	0.0000	0.0000		21	0	0	0			
FF GO GO		0.0000	0.0000	0.0000		22	0	0	0			
FILE GET STOP	23	0.0000	0.0000	0.0000		23	0	0	0			



