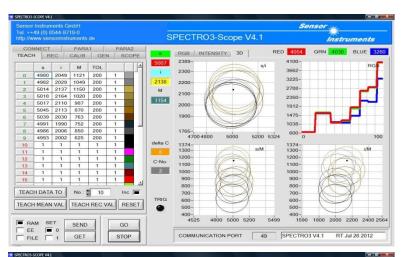


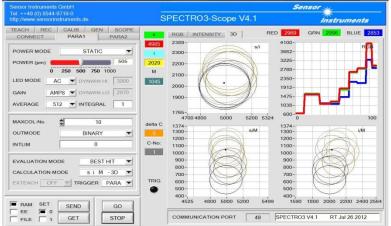
## Application - News N°350 SPECTRO-3 series



## **1. Color control of plastic pins**

Plastic pins which are used for seat belts should be color differentiated. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-67°** and an optical frontend type **KL-9-A3.0** are used. The distance of the optical frontend to the plastic pin surface is approximately 15mm and the spot size at this distance is around 2.5mm in diameter. As shown in the screen shots, a proper color differentiation of the plastic pins is possible.





	SPECTRO3-Scope V4.1	Instruments
CONNECT PARA1 PARA2 TEACH REC CALIB GEN SCOPE TEMP 37 SET ROW COLORS MANUALLY SELECT ROW 9 0 ROW COLOR ASSIGN TO ROW RESET SAVE TO FILE GET FROM FILE	PGB         INTENSITY         3D         RED           4080         2389         9/1         9/1         9/1           2000         9/1         9/1         9/1         9/1           2010         000         9/1         9/1         9/1           1111         2000         9/1         9/1         9/1           1111         9/00         9/1         9/1         9/1	<b>3576</b> GRN <b>3608</b> BLUE <b>33</b> 4100- 3662- 3225- 2768- 2350- 1912- 1475-
SPECIFICATION O seat belt pin light gray I seat belt pin light gray I seat belt pin light gray I seat belt pin light beige S seat belt pin belge G seat belt pin belge S seat belt pin dark belge S seat belt pin dark brown S seat belt pin dark brown S seat belt pin black II FRAM SET EE O SO	detta C 1765- 4700 4800 5000 5200 5324 1300- C-No: 1100- 000- 900- 700- TRIG 500- 4528 4800 5000 5200 5499	1038- 600- 1020- 1100- 1000- 900- 900- 500- 1090-

