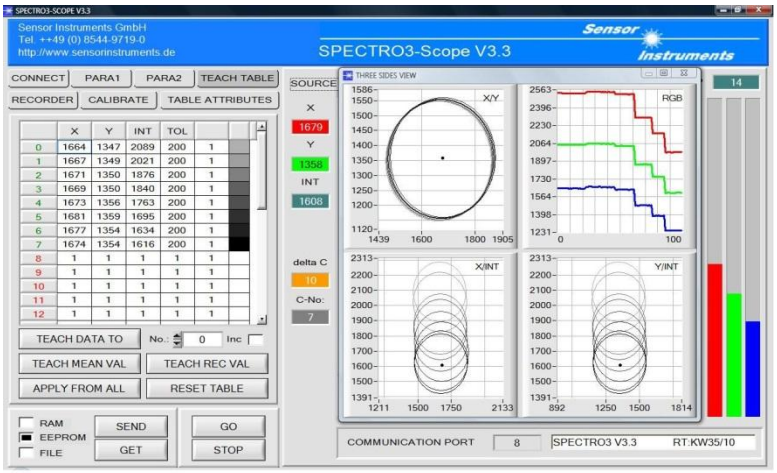
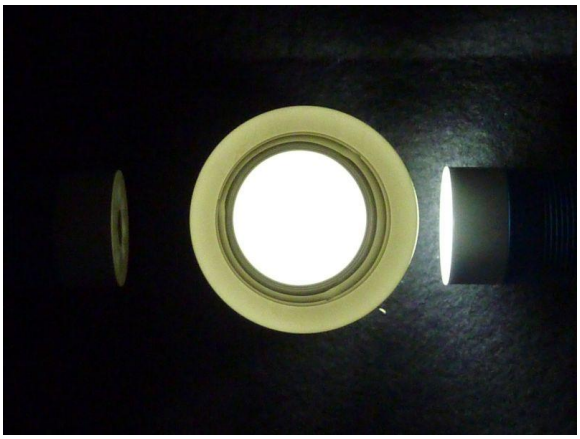
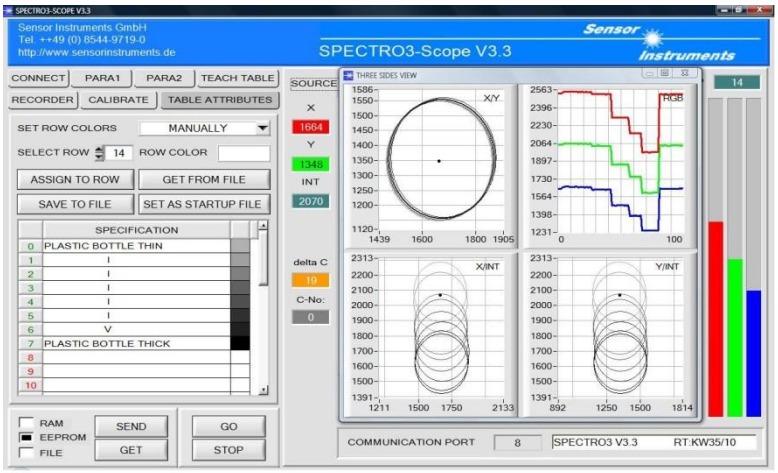
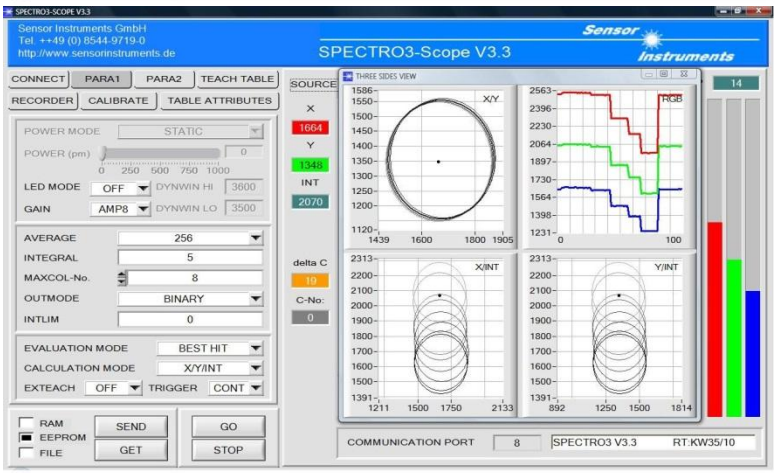
Application - News

N°224 SPECTRO-3 series

Sensor Instruments — Let's make sensors more individual

1. Differentiation of plastic bottles with different wall thickness

Plastic bottles with different wall thickness should be differentiated. For this purpose a color sensor type **SPECTRO-3-SLU-BA-JR** (formerly SPECTRO-3-SLU-JR) in connection with a side light unit type **SI-SLU-16** are used. The distance of the side light unit **SI-SLU-16** to the plastic bottle is approximately 15mm and the distance of the receiver **SPECTRO-3-SLU-BA-JR** to the plastic bottle is around 25mm. As shown in the screen shots, the plastic bottles can be proper differentiated.