



### 1. Color differentiation of plastic caps

Plastic caps for drinking bottles should be color differentiated. Thereby the closures are very glossy, thus, direct reflection should be avoided during the tests. For this purpose a color sensor type **SPECTRO-3-30-POL-JR** is used. The distance from the sensor to the object is approximately 20mm and the detecting range at this distance around 12mm in diameter. The caps can be proper distinguished as shown in the screen shots.

