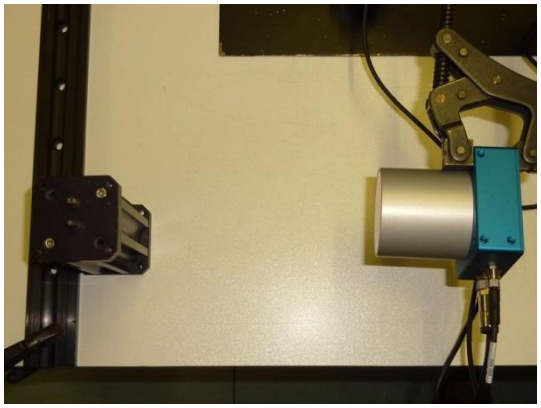
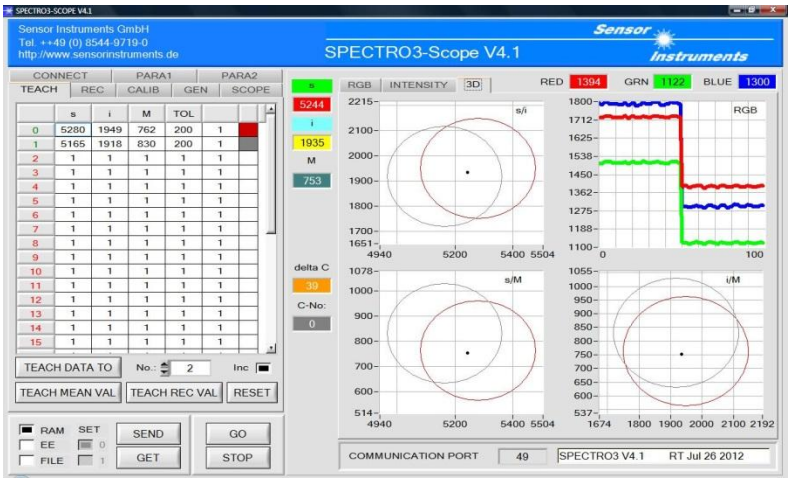
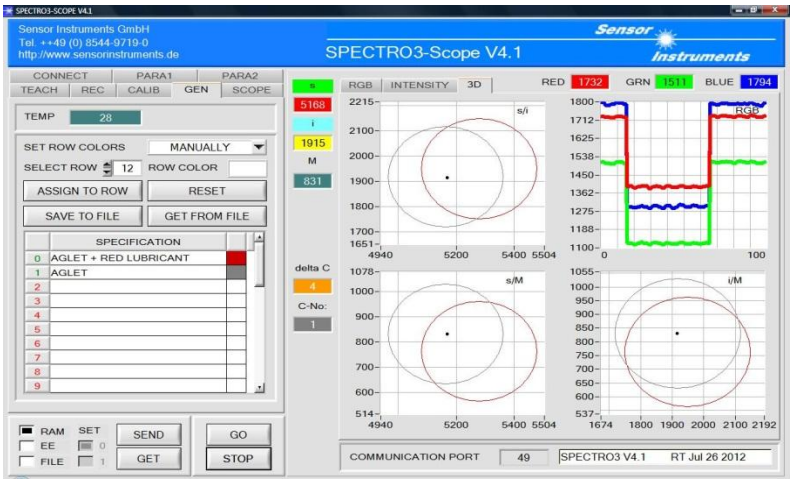
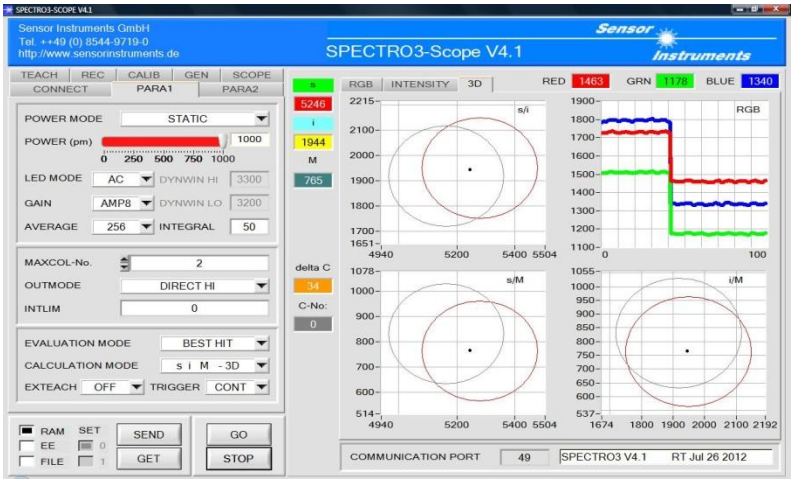
1. Presence control of red lubricant on metal pin

The presence of a red lubricant on a metal pin should be controlled. A minimum sensor distance of 200mm is required. For this purpose a color sensor type **SPECTRO-3-200-COF-d12.0** is used. The distance from the sensor to the metal pin is approximately 200mm and the spot size at this distance around 12mm. The red lubricant can be proper detected as shown in the screen shots.