



1. Color signal recording and color signal monitoring

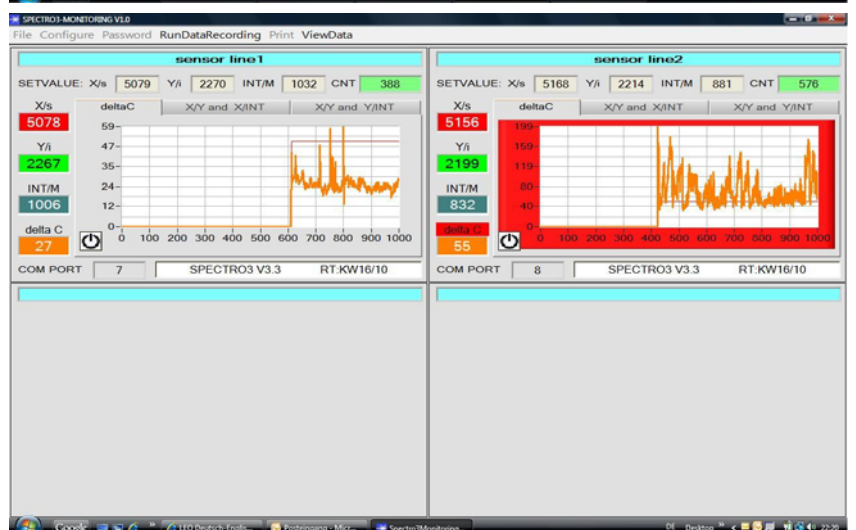
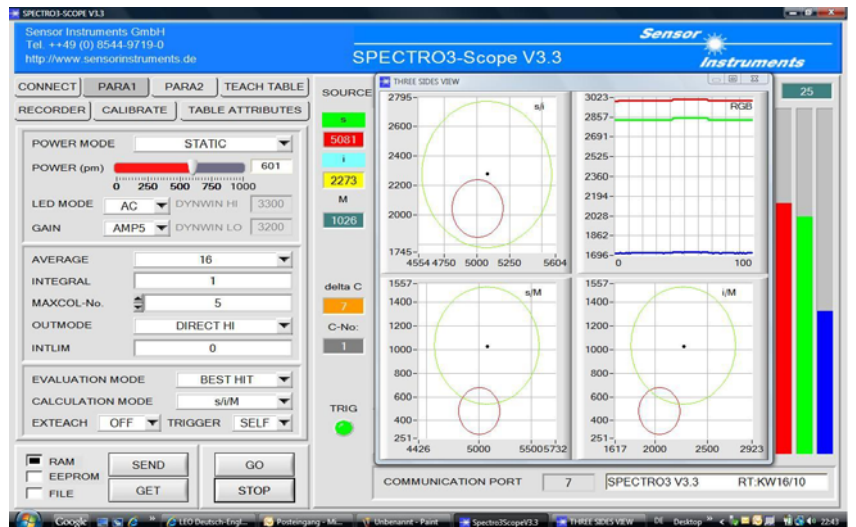
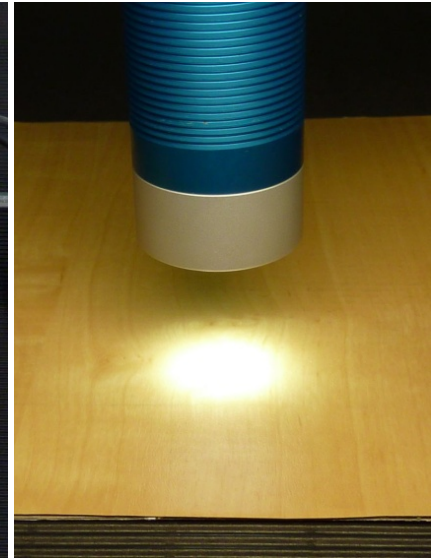
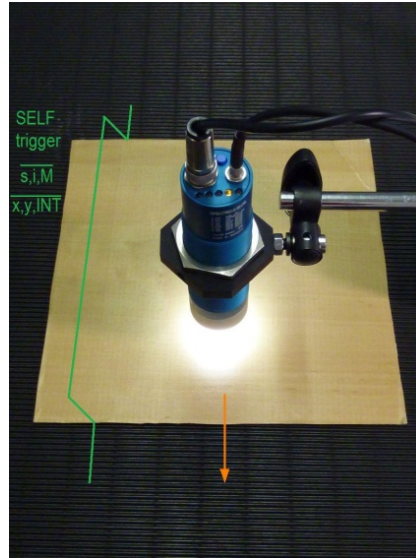
More and more users of the SPECTRO-3 color sensors are asking for a color monitoring and color recording software. The

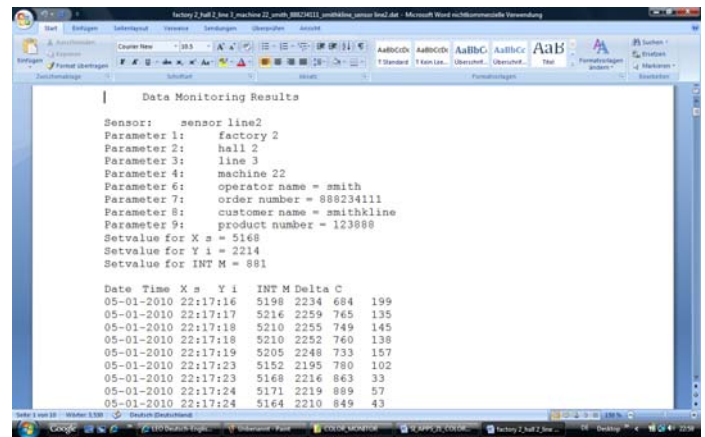
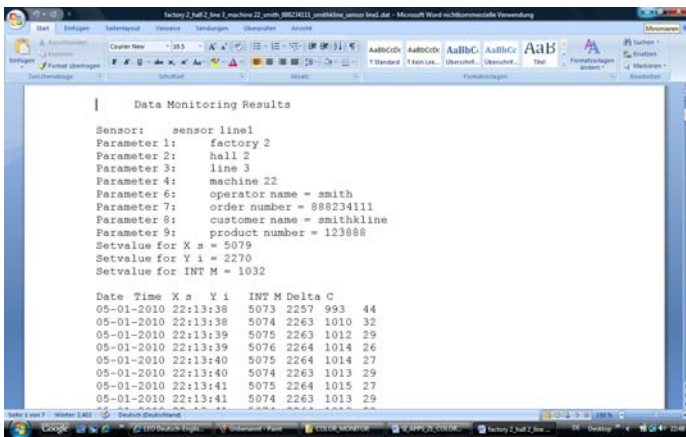
manufacturers of endless materials like plastic foils (e.g. furniture, paper and automotive industry) and the fabricators of laminated medium density fiberboards (MDF) needs an inline sensor system not only for a 100% - quality control but beyond that a system for color signal recording, which allows also to document data like product number, customer name or number, order number, operator name, time and date. Furthermore,

the sensor system should inform the operator about the color trend of the product, thus possible countermeasures can be duly initiated. Dependent on the product the Windows® software **SPECTRO3-MONITORING** can be adjusted to a continuous data recording or to an auto triggered data recording.

Endless products like plastic foils will be continuously recorded whereas the auto triggered mode is necessary

for the fiberboards. In case of auto triggered mode, the SPECTRO-3 sensor is adjusted to an external trigger mode or to the SELF trigger mode. As long as the trigger is switched on an average value of the s,i,M or the x,y,INT parameters will be calculated from the color sensor and immediately sent after "trigger off" via the RS232 to the monitoring system. Moreover the SPECTRO3-MONITORING software can manage up to 8 SPECTRO-3 sensors simultaneously.





Copy of the recorded files displayed in Word® from two sensors, it is also possible to graph the recorded data with EXCEL®.