



1. Fluorescence detection on metal foils

The presence of fluorescence coating on a metal foil should be controlled. For this purpose a color sensor type **SPECTRO-3-FIO-UV** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-Y-22°/67°-UV**, an external lightning source type **ELS-UV-1P** and an optical front end type **KL-8-R2.1** will be used. The distance of the front end to the metal foil is approximately 12mm and the angle to the surface of the metal foil is around 40° to the vertical axis. The fluorescence coating can be proper detected as shown in the screen shots.

