



### 1. Surface control of a piston rod: steel surface or chrome-plated

A piston rod must be controlled whether it is chrome-plated or not. The color of the chrome-plated surface is slightly different from the normal steel surface, thus a color sensor type **SPECTRO-3-30-DIL** could be used for the investigations. The distance from the sensor to the rod was approximately 30mm and the two surfaces delivered a proper color difference. The screen-shots show the differences of the plated and non plated surface.

