



1. Detection of spray marks on the metal surface of water coolers

Defective or damaged water coolers will be marked during the assembling process with a blue spray mark. Intensity and size of the color mark, however, differs extremely. The task of a color recognition system should be, to compensate such fluctuations of the color marks. For this purpose a color sensor type **SPECTRO-3-30-DIL-JR** is used at a distance of around 35 mm to the target. The color group mode of the **SPECTRO3 Scope Windows®** software offers the possibility to put all of the different blue spay marks together into one group, thus a proper recognition of the spray mark is possible.

