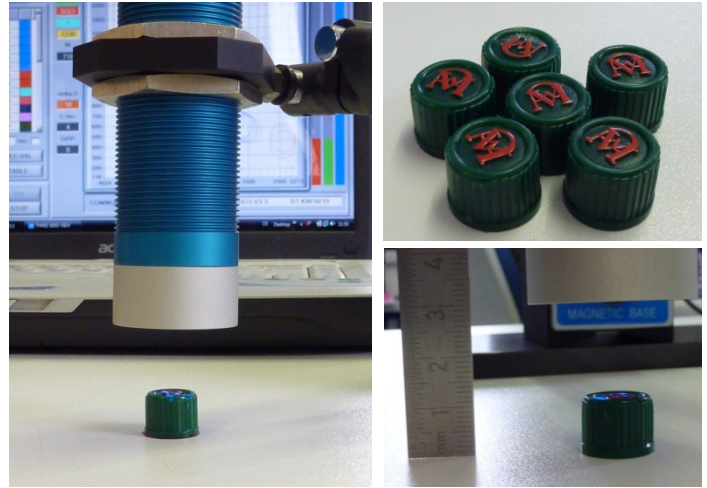


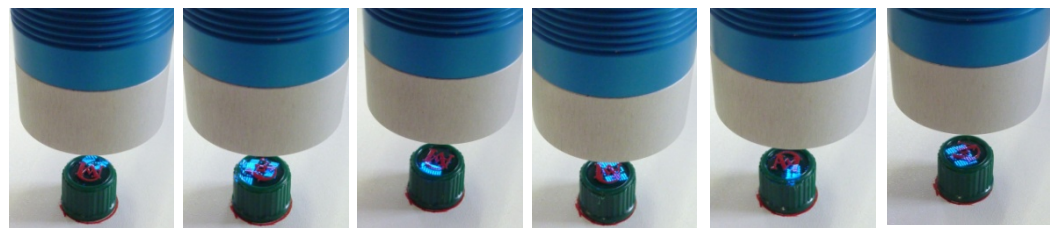


1. Fluorescent mark control on closures of pharmaceutical flacons

To distinguish between original pharmaceutical flacons and counterfeits the closure of the original will be marked with a fluorescent color. This color mark must be detected during the packaging process. Attention should be paid to the positioning of the closures, which can be positioned with an accuracy of a diameter of around 12 mm. Thus the detecting area of the sensor should lie in the same range. The distance to the closure should be roughly 20mm to 30mm. It must be pointed out, that the fluorescent mark is not always at the same position on the closure and the luminosity can



differ, too. The **SPECTRO-3-30-UV** comes with a detecting range of 12mm at a distance of 20mm; furthermore the sensor



controls beside the intensity also the color of the fluorescent mark. A proper detection of the fluorescent mark on the closure is given as shown in the screen shots.

