



### 1. Glue line detection on cigarette filter paper

A glue line should be detected on cigarette filter paper. It should be noted, that the solvent used for the glue is water based. For this purpose, a double-contrast sensor type **SPECTRO-2-FIO-(IR2+IR3)/IR** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-Y-67°-(1P+1BP)/2P** is used. Here, the distance of the optical frontend to the cigarette paper is approximately 5mm and the spot size is around 4mm in diameter. The glue line can be proper detected as shown in the screen shots.

