1. Detection of a gap in a fabric

On a fabric a gap should be detected. At this different colored fabric (from dark to bright) are possible. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with a through beam fiber type **D-S-A2.0-2.5-1200-67°** is used. The speed of the fabric is a few m/s and the distance of the optical fiber to the fabric is approximately 10mm, respectively. As shown in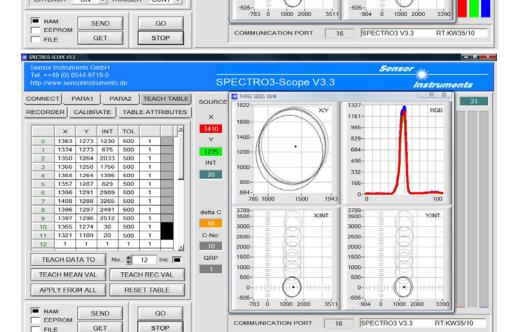 the screen shots, the gap can be detected properly.