



1. Soot quantity measurement on filter paper

The amount of soot on filter paper should be measured. For this purpose, a contrast sensor type **SPECTRO-1-FIO** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-67°** is used. At this, the distance from the optical fiber frontend to the object is approximately 5mm and the spot size at this distance has a diameter of roughly 4mm. The soot quantity can be proper measured as shown in the screenshots.

