



1. Color control of preforms

The color of preforms should be controlled. For this purpose, a color measurement sensor type **SPECTRO-3-FIO-MSM-ANA-DL** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-67°** and an optical frontend type **KL-52-XL-A3.0** is used. At this, the distance between the optical frontend and the preform is approximately 110mm and the spot size at this distance is around 6mm in diameter. The color of the preforms can be proper measured as shown in the screen shots.

