



### 1. Moisture control of lentils

The moisture of lentils should be controlled. For this purpose, a double-contrast sensor type **SPECTRO-2-FIO-(IR2/IR)/(IR3/IR)** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-Y-67°-2P/2P** is used. At this, the distance from the optical fiber to the object is approximately 40mm and the spot size at this distance is around 15mm in diameter. Furthermore, the optical axis of the optical fiber is roughly 20° inclined to the vertical axis. The moisture of lentils can be proper controlled as shown in the screen shots.

