



### 1. Moisture control of timber

The moisture of timber should be controlled. For this purpose, a **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** and an optical frontend type **KL-M34-XL-A3.0** is used. At this, the distance from the optical frontend to the object is approximately 90mm and the spot size at this distance is around 5mm in diameter. The moisture can be proper controlled as shown in the screen shots.

