

CALCULATION MODE

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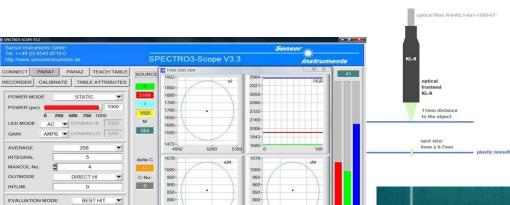
## **Application - News** N°131 SPECTRO-3 series

Sensor Let's make sensors more individual

Instruments

## 1. Differentiation of plastic monofilaments

Plastic monofilaments, different in size or in color, should be differentiated. At this a color sensor type SPECTRO-3-FIO-CL in connection with an optical fiber type R-S-R2.1-(6x1)-1200-67° and an optical frontend type KL-8-R2.1 are used. The distance from the frontend to the object is approximately 11mm and the spot size at this distance roughly 4mm x 0.7mm. As shown in the screenshots, a proper differentiation of the different filaments is possible.



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SPECTRO3 V3.3

DT:KW35/10

