

Insensitive to extraneous light, non-contacting, and high-speed inline color measurement

L*a*b* inline color measurement according to the 45°/0° method under illumination similar to D65 with a true-color detector (color curves identical to the human eye) now is possible with the **SPECTRO-3-45°/0° color measuring system**.

Closeness to the D65 standard light curve is achieved by a combination of special white-light LEDs, blue-light LEDs, and optical filters. The use of LEDs furthermore allows light modulation, which prevents influences of extraneous light on the measuring result. The color sensor provides the color values in digital, serial form. The system furthermore features 5 digital outputs that allow the output of up to 31 stored colors (L*, a*, b* values). The distance between color measuring system and object is approx. 30 mm, the typical measuring range is 10 mm.

