

SK400-C

360° Colour Check System



Cable colour check during extrusion

When cables with or without stripes have to be produced in the exact colours your customer demands. The SK400-C offers this possibility.

The system

The SK400-C is a sensor head system for automatic and continuous colour check. The configuration consists of a pc-vision system with an image taking unit in a protecting housing. Customer specific wishes can be integrated, for example for larger or smaller cable diameters.

The control principle is based on the LAB colour space which resembles the human colour perception

Features

The system controls the cable and stripe colour to be within a certain settable tolerance. Two stripes on a cable can also be handled.

Measure values are continuously produced, enabling to detect creeping changes.

- In line cable control for cable with up to 2 stripes
- Colour shade control of the main colour and stripe
- Demanded colour shade and tolerated deviation can be set
- The actual deviation from the set colour value is represented as delta E

