Inline spectrophotometer

ERX130

ERX130 Automated Inline Color Measurement Delivers Early Warning of Color Shifts

During manufacturing, color shifts can be costly, resulting in waste, rework and delayed time to market. Using high quality inline color measurement instruments provides operators with the real-time color information required to avoid costly production line errors.

Designed to meet the needs of a variety of industrial applications, the ERX130 measures a wide range of materials and is able to operate in even the harshest environments. This

automated inline quality control system provides non-contact measurement and continuous reporting. It is easy to operate and offers comparisons to specific standards or absolute measurements.

When used with ESWin QC software, the ERX130 enables accurate color adjustments that improve manufacturing output and reduce waste due to color drift.

Benefits:

- Measurement and evaluation of color deviation to enable corrections without stopping production.
- A large measurement distance of 300 mm (11.8") away from the product being measured.
- A large measurement spot of 90 mm (3.5") delivers a good average of the measured surface.
- Measures a full range of materials, including textured, finely patterned, gloss and for products such as vinyl, textiles, food, pigments, paints, plasters, films and bulk goods like powders or sands.
- External calibration is only necessary every 4 weeks for maximum instrument uptime.

The ERX130 delivers excellent short-term stability due to its use of real dual beam measurement, and its automatic wavelength calibration ensures exceptional measurement accuracy and long-term stability. The ERX130 is the must-have inline color measurement instrument that enables objective color assessment across a variety of industrial applications.

Short Term Repeatability - White	dL*, da*, db* < 0.03
Measurement Geometry	coaxial to the illumination (= 45° to the gloss axes)
Measurement Time	flash
Measurement Working Distance	300 mm
Spectral Interval	330-730
Spectral Range	1nm