Continuous inline color measurement

Real-time measurement gives best possible feed-back to reduce make-ready time and save costs

Unlimited number of measurements per repeat

Color measurement completely and automatically documented with every printed roll

ColorSTAR

Absolute color measurement sensor

ISRA VISION

Part of Atlas Copco Group

ABOUT ColorSTAR

ColorSTAR revolutionizes color measurement with its flexible, real-time measurement system, providing immediate feedback to reduce make-ready time and costs. It automatically tracks measurement positions across various materials, including stretchy thin ones, without extra equipment. Users can start with PrintSTAR ColorWATCH for relative color monitoring and upgrade to ColorSTAR for absolute color control, ensuring adherence to precise specifications. By combining linescan camera techno-logy and a spectrophotometer, ColorSTAR optimizes efficiency by measuring color bars and print motifs while minimizing waste through precise cut-out sample measurement.

APPLICATIONS

- Flexible packaging printing
- Personal care & hygienic film printing
- Aluminum packaging for pharma, food & specials
- Labels and shrink sleeves
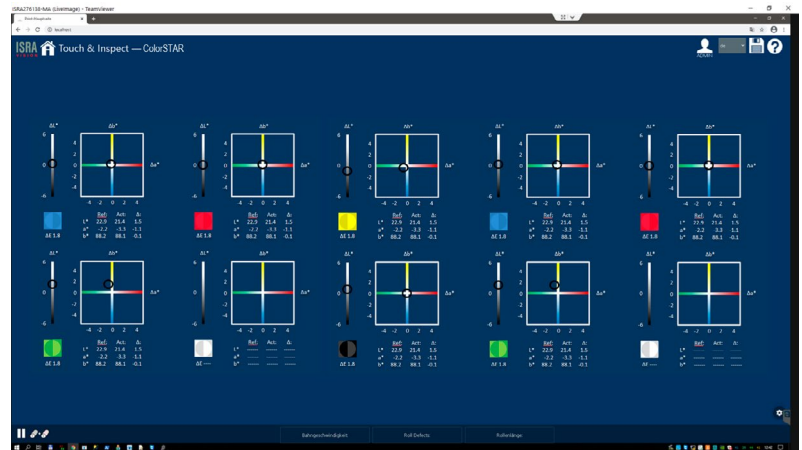- Liquid packaging
- Security printing

KEY FEATURES

- Spectrophotometer according to color measurement standards
- Self-calibrating of spectrophotometer with adaptable calibration period
- Connected to PrintSTAR print job management
- Designed with the ability to upgrade from ColorWATCH inline color monitoring to ColorSTAR inline color measurement
- Plug & Inspect link to combine ColorSTAR and PrintSTAR
- Touch & Inspect GUI
- Dedicated track&target algorithms to continu-ously locate the specified measurement points
- Integrated data mining and reporting tools

TYPICAL DEFECTS

Color ok and color deviation

Thanks to ColorSTAR color deviations are easily detectable.

www.isravision.com