In-line Continuous Color Measurement

Achieve in-line color measuring without interrupting production or collecting test samples with Smart Technology from LIAD

- Monitors color L*a*b* values while comparing to the target color standard in real-time – eliminates human guesswork and manual QC measurements.
- Integrates color quality control into production – provides instant notification when it detects products out-of-tolerance, reducing scrap, downtime, and customer complaints.
- Patented fiber optic sensor and automatic calibration ensure high accuracy (DE<0.05) and repeatability, regardless of ambient lighting.
- Non-contact color measurement ideal for injection molding, blow molding, and extrusion applications, easily integrates into production lines.
- Optional cloud services allow remote monitoring and simplifies data collection for each line's color performance.

For more product details about Spectro™ visit ampacet.com/liad

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Plastics Reimagined™

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In-line Continuous Color Measurement and Correction

SpectroMetric™ Smart Technologies

SpectroMetric™ integrates all the benefits of the Spectro™ in-line spectrometer with ColorSave® 1000 masterbatch feeder

- Exclusive in-line, continuous color correction system incorporates the ColorSave® 1000 masterbatch feeder with the Spectro™ to automatically adjust the color dosing in real-time, ensuring color consistency without human intervention.
- Enables varying usage percentages of PCR's and regrinds while maintaining color standards.
- Color output tied to L*a*b*specifications, rather than estimated LDR's, to maintain the correct color specifications at the lowest possible colorant usage rates – even when running PCR or regrind.
- Automated color measurement and correction facilitates Industry 4.0 integration and lights-out operation.

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