



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 ($\Delta E < 0.05$) 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

About LIAD Smart

Ampacet LIAD pioneered the single component gravimetric feeder for injection molding machines and is the leading developer of innovative feeders, blenders and real-time quality control color solutions for the plastics industry.



Look for the LIAD Smart label to ensure the highest quality accuracy. For more information and to schedule a free demo, email office@liadsmart.com or LIADSmart@ampacet.com

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In-line Continuous Color Measurement and Correction



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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