LIAD Smart™

SpectroPMD™

Pellet Measuring Device

Precise real-time color measurement of pelletized material for compounding and recycling applications*



*Sold separately from the Spectro™ or SpectroMetric™ in-line color measurement systems.

AMPACET

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Spectro PMD (Pellet Measurement Device) provides color and PCR compounders with an efficient and reliable method for maintaining color accuracy without stopping the production line

How it works

The system seamlessly integrates into the production line, using a vibratory feeder to deliver a small sample of pellets to an integrated probe. A spectrophotometer compares these pellets to a reference color, calculating Delta E in real time. The measured pellets are then returned to the process. Sophisticated algorithms provide an immediate pass/fail signal based on defined color tolerances.

Key Features and Benefits

- Real-time, automated color analysis eliminates delays associated with traditional lab testing
- Detects even minor color deviations (Delta E) from a set standard, enabling rapid corrective actions
- Minimizes scrap and lost production time
- Specialized cooling cabinet protects against temperature fluctuations and dust, allows for easy cleaning and quick material change

Watch the video:

https://liadsmart.com/products/spectro-pmd/

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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