

SpectraTrend® HT in-process plastic solutions

SpectraTrend HT

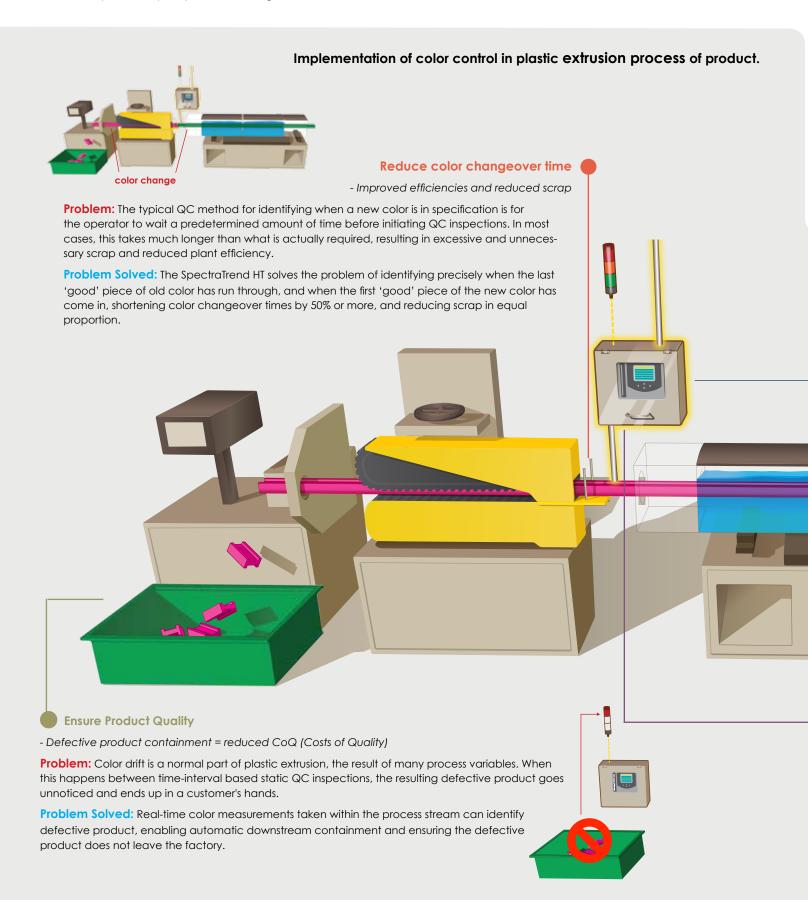


measure color the way your

eye sees it

A dynamic approach to Color Process Monitoring and Analysis

SpectraTrend® HT takes non-contact Color and Height measurement to their highest levels, combining versatility, simplicity and performance in one easy-to-use compact design. SpectraTrend® HT supports implementation of today's Total Quality Management programs such as LQM, PAT, Six Sigma, DMAIC, and others that share a common goal of producing consistent product quality and reducing waste.



Plastic Extrusion Applications



Vinyl Siding Cable channels Window Profile Custom Profile Hose/Tube Pipe



Sheet Film (opaque)

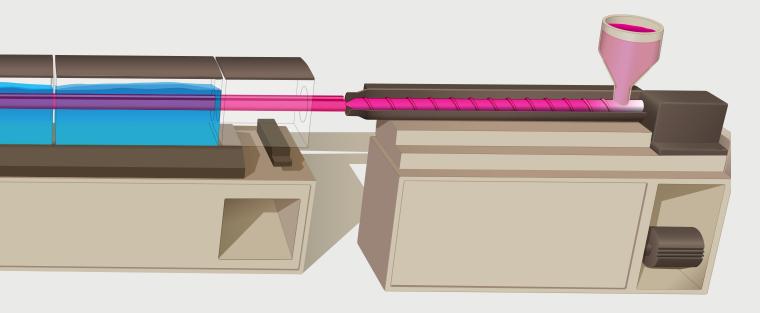


Reduce Scrap and Rework

- Identify color change in real-time, take corrective action before a 'fail' condition

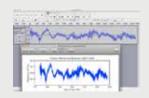
Problem: Time-interval based QC methods do not identify color variation that happens between QC inspections. These changes come from bulk-density changes, screw build-up that suddenly releases, screw wear and other normal manufacturing process variables.

Problem Solved: Color stability and color change-outs can be more tightly monitored and adjusted through the real-time continuous data provided by the SpectraTrend HT.





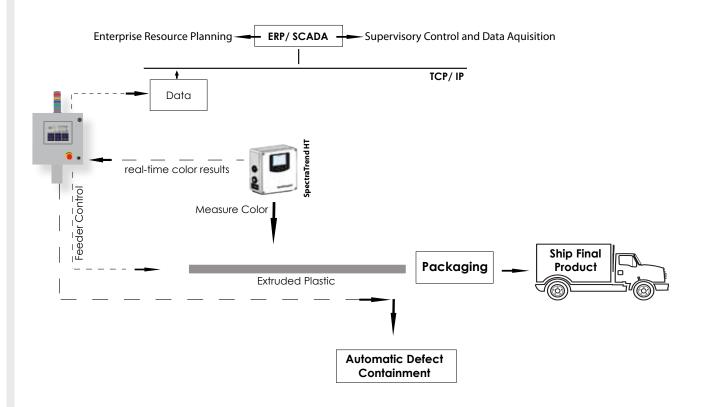
Enhanced GMPs (Good Manufacturing Practices)



Problem: Variations between operators shift to shift combined with inadequate data collection and process information make it challenging to plan events and to manufacture to a plan.

Problem Solved: Continuous Process Improvement is provided through real time data collection, analysis of which allows better understanding of the impact of process variables on color management and control, resulting in improved overall plant efficiencies.

In-process color measurement and analysis



PRODUCT FEATURES

Versatility, Speed, Durability

- The only color spectrophotometer to provide two critical sensors, Color and Height, in one compact and easy-to-use design
- The only color spectrophotometer to combine high speed color measurement with an integrated sample detector for accurate color and height measurements of individual piece-parts
- The only non-contact color spectrophotometer with 'Rapidfire' illumination, measuring
 as many as five times per second, to provide consistent and accurate color and height
 measurements in high speed applications and on structured and non-homogeneous samples
- The only color spectrophotometer that uses precise laser measurement and a unique algorithm to compensate for sample height variation and sample texture, improving overall consistency and accuracy of color measurement data
- Large, easy-to-read, easy-to-operate integrated display
- Positive Forced Air Environmental Enclosure available

For more information go to **www.hunterlab.com** or contact your local HunterLab representative.