Tighten color control and accelerate precision.

The importance of color measuring systems in consumer electronics.

With production on a global scale, products must look identical, regardless of which factory they're manufactured in — whether it's in Sydney, Singapore or Shenzhen. Consistency between multi-factory production lines is key. Learn more inside.

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Create Precise Color Control at Speed of Production.

Tighten color control and accelerate precision.

Consumers expect the parts on their products — like buttons, sliders, or keys on a keyboard — to flawlessly match. Which means rapid color-control is essential when it comes to consumer demand and creating a competitive advantage.

**Put simply: Color measurement systems create precise color control.**

Accelerate In-Line Color Control.

Color measurement systems deliver the speed and precision you need on the production line.

There are in-line, non-contact systems, that measure color on over **500,000 samples per day**, without ever touching your product, so you can catch drifts in real-time and make color corrections before they impact production, for a quicker, automated and more sustainable workflow.

500,000
SAMPLES
PER DAY
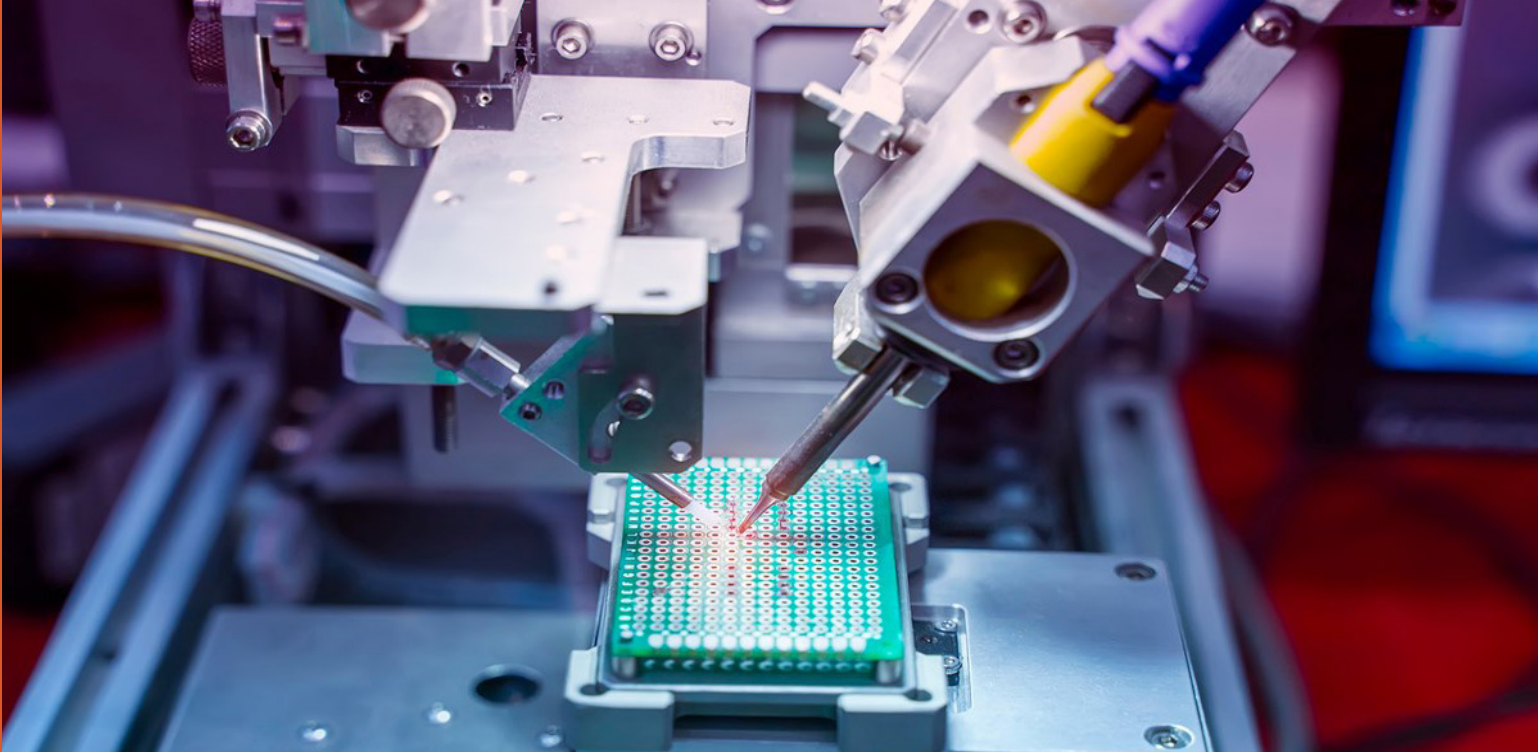
Stay up and running while minimizing service.

Fewer production-line delays result in faster throughput.

Sometimes color measurement systems need to work in difficult environments. But you can't afford downtime for service. Due to thoughtful design, your production line is further accelerated because certain color inspection systems have a fully sealed, chemically resistant case — **with a removable sapphire window protecting the integrating sphere and internal optics from contaminants.**

This industrial-grade design means fewer production-line delays for cleaning or changing the device, and **zero risks of contamination to your sample, resulting in less waste and faster throughput.**

Plus, many of these inspection systems have a small form factor which means they can be placed almost anywhere within the production line. And, they can also be integrated into robotic arms for hard-to-reach color measurements.

Time Travel Still Doesn't Exist.

While it would great to go back in time and see what happened and correlate, we all know this is impossible. That's why investing in the right color measurement system to ensure quality control is so important.

Find A Color Inspection System That's Right For You.

Multiple systems capable of meeting your precise color-inspection requirements.

These models can also be ruggedized to suit any industrial environment. They're available in various form factors and configurations, and deliver laboratory-grade color inspection. And they do it at the speed of production you need.

Color inspection systems are perfect for production lines that require high-gloss color measurements and other additional functions. Sometimes investing in monitoring system identifies a problem you didn't even know you had.

Why Color Control Is So Important

In this e-book, we learned the importance of precise color control at the speed of production and why investing in the right color measurement system to ensure quality control is so important. Please click the button below to learn more.

Ocean Insight:
Global Leader. Innovative Pioneer.

With more than 25 years serving the consumer electronics industry, Ocean Insight is a pioneer in spectrometer manufacturing.

Founded in 1989, we launched the world's first miniature spectrometer, and we have been leading the field in innovative spectroscopy hardware, software and on-demand data delivery, ever since.

Today, we are trusted by many of the world's premier consumer electronics manufacturers and their partners, helping them conduct the most accurate, laboratory-level optical measurements for quality control within a factory floor environment.

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