

X-Rite Solutions Assist Teknor in Improving Visual Color Evaluation



The Situation

Teknor, one of the largest privately-owned U.S. plastics companies, established a new Corporate Lab as a shared service to support the company's color requirements for the creation of color-accurate masterbatches and other products. The company uses a blend of color measurement instruments and software along with visual evaluation to ensure accurate color across the entire product life cycle. Because of its existing long-term relationship, Teknor depends on X-Rite solutions, both in its new lab and its Quality Control operation. Color vision is tested and evaluated for all Teknor employees involved in color-critical tasks.

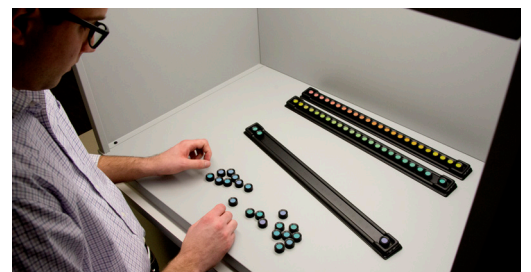
"X-RITE'S FOCUS ON PROVIDING COMPLETE, END-TO-END COLOR MEASUREMENT, MANAGEMENT AND VISUAL EVALUATION SOLUTIONS MAKES IT THE BEST CHOICE AS A PARTNER FOR TEKNOR AND SETS IT APART FROM OTHER COMPANIES IN THE COLOR MEASUREMENT AND MANAGEMENT SPACE." JOE ANDRADE, LAB MANAGER, TEKNOR

The Solution

In its new laboratory facility, Teknor operates a SpectraLight-powered dedicated light room painted in Munsell gray. Teknor also uses the Munsell Farnsworth Munsell 100 Hue Test to check employee color vision. In its Quality Control operation, a brand-new X-Rite SpectraLight QC light booth helps ensure the best possible visual color evaluation under up to seven different controlled lighting conditions.

Results

Teknor reports that customers, especially those in the automotive industry, are very impressed with its SpectraLight-powered light room. By painting the room Munsell gray, the company has created an optimal environment for accurate visual evaluation of large and small items in the 8-foot-by-10-foot space. Quality Control is also benefiting from its new SpectraLight QC light booth.



Color Vision Evaluation Critical

"We use a blend of the Munsell FM 100 Hue Test and the Ishihara Test to check all aspects of employee color vision. In that way, we fully understand any potential limitations that might affect visual color evaluation."

Joe Andrade, Lab Manager

Dedicated Light Room Impresses

Teknor's SpectraLight-powered light room, painted Munsell gray, impresses customers from the automotive and other industries with its ability to simplify evaluation of color under various controlled lighting conditions.

End-to-End Color Management

Teknor's long-term relationship with X-Rite is based on the broad color-related portfolio that X-Rite offers. "Others only have part of the solution," Andrade says. "We like the fact that we can get just about everything we need from one source — X-Rite."