



Color Harmony Rooms

Optimized Color Inspection Systems for Automotive Interior and Exterior Coatings and Trim



Color harmony is the use of colors, shades, materials, and textures to achieve a pleasing visual experience. Good color harmony stirs emotions and plays a significant role in consumers' buying decisions.

In the automotive industry, paints and coatings are becoming more complex, parts are being manufactured from a wider range of materials, and final products consist of components from a worldwide supply chain. Incoming parts and final products need to be inspected for color harmony, fit and finish in a lighting environment that is compliant with industry standards and can simulate the environment in which consumers will view the product.

Color Harmony Room Features

GTI will work with you to design a color harmony room that will meet your specific requirements. Your customized room will consist of GTI GLE and/or GLL luminaires mounted to the walls, ceiling, and on portable stands. Features include:

- Compliance with ASTM D1729 and SAE J361
- Single, dual, or multi-source luminaires
- Multiple angles of illumination
- Custom configurations to fit any size room
- Wireless remote control
- GTI ColorGuard II — Tracks light source usage and indicates when to relamp
- Automatic light source sequencing
- GTI's proprietary D65 ColorMatcher lamps
- Access to GTI's color and lighting experts

GTI's Approach

- Working with you, GTI will conceptualize, develop specifications, and design the right color harmony room for your products, facility, and inspection needs.
- If needed, GTI will develop a scaled prototype room at our facility to ensure that the intensity and angles of illumination meet specifications.
- After installation, GTI can provide an onsite audit to ensure the color harmony room meets industry standards.
- GTI provides scheduled relamping programs to help you maintain consistent and accurate viewing conditions.



Above: A custom color harmony room featuring multi-source GLE luminaires and wireless remote control

Left: A portable inspection station with three angles of illumination and multiple light levels

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