Confidential

PaPaLaB®

Test Report (Simplified Version)

Color Difference Measurement of Metal Plates

2025/5/1

We would like to share the measurement results for the samples you entrusted to us. In addition, we are providing our recommended equipment configuration for your consideration. If you have any questions, please contact our sales representative

1. Measurement Overview

Color difference (ΔLab, ΔE) measurement between the reference sample and the inspection sample

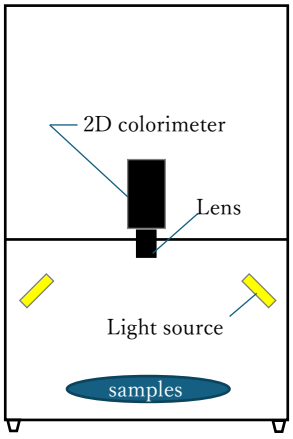
2. Measurement Environment

Item	Details
Enclosure	PPLB-400 (Black)
2D Colorimeter	High-resolution type
Lens	Standard (Focal length: 16 mm)
Software	RCView
Lighting	Oblique lighting (D50)

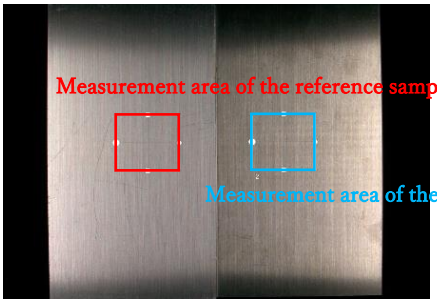
3. Equipment Photo

Benchtop 2D colorimeter
PPLB-440

4. Equipment Configuration

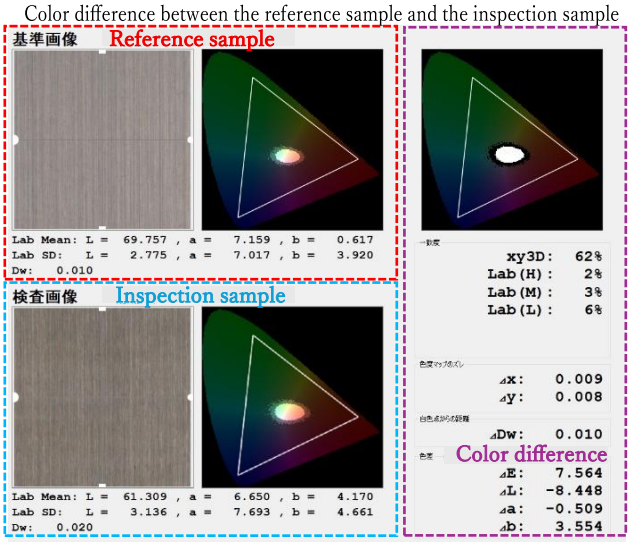


5. Sample Photo and Measurement Area

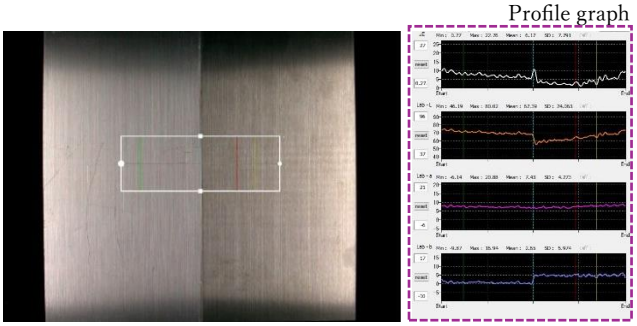


6. Measurement Results

Color difference between the reference sample and the inspection sample



Profile graph



7. Summary

The color difference at the center of the reference sample and the inspection sample was ΔE = 7.564, and we were able to measure it without issue.
In particular, ΔL and Δb were large, indicating that the inspection sample is darker in lightness and more yellowish compared with the reference sample.
The profile graph showed the same trend.

Contact information for inquiries regarding this matter: PaPaLaB Co., Ltd. Email: contact@papalab.co.jp