



NETMETRIC-12 Color Tiles

MAKE COLOR MEASUREMENT MORE RELIABLE

High-Precision Standard Color Target Set — Providing a Unified Reference for Industrial Color Quality Control.



Calibrates gray scale accuracy

Checks saturation levels

Validates measurement precision

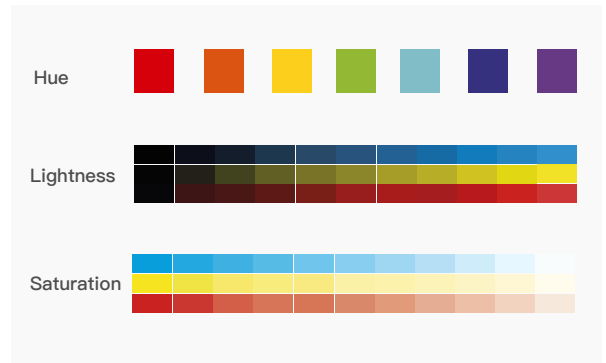
Verifies hue accuracy

The NETMETRIC-12 Color Tiles are a high-precision standard color target set specifically designed for industrial color quality control. They serve as a core tool for daily calibration, accuracy verification, and data consistency comparison of color measurement instruments such as colorimeters and spectrophotometers. Developed in accordance with the CIELAB 1976 international color space standard, the set covers commonly used color regions across the full spectrum. Combining portability with professionalism, it provides a stable and traceable color reference benchmark.

KEY FEATURES

1. 12 Standard Color Systems for Comprehensive Verification

The set features 12 carefully selected standard colors most commonly used in industrial applications, including 4 gray scales (white, light gray, medium gray, black) and 8 high-saturation basic colors (vivid red, vivid orange, vivid yellow, deep green, deep blue, light pink, light green, light blue). These colors comprehensively verify instrument measurement accuracy across different lightness, hue, and saturation ranges. Through monthly standardized performance verification, the set enables thorough detection of instrument accuracy deviations, ensuring that your colorimeters and spectrophotometers consistently operate at high precision, providing a stable and reliable color measurement benchmark throughout the entire production process.



2. Industrial-Grade Design – Strong Adaptability and Durability

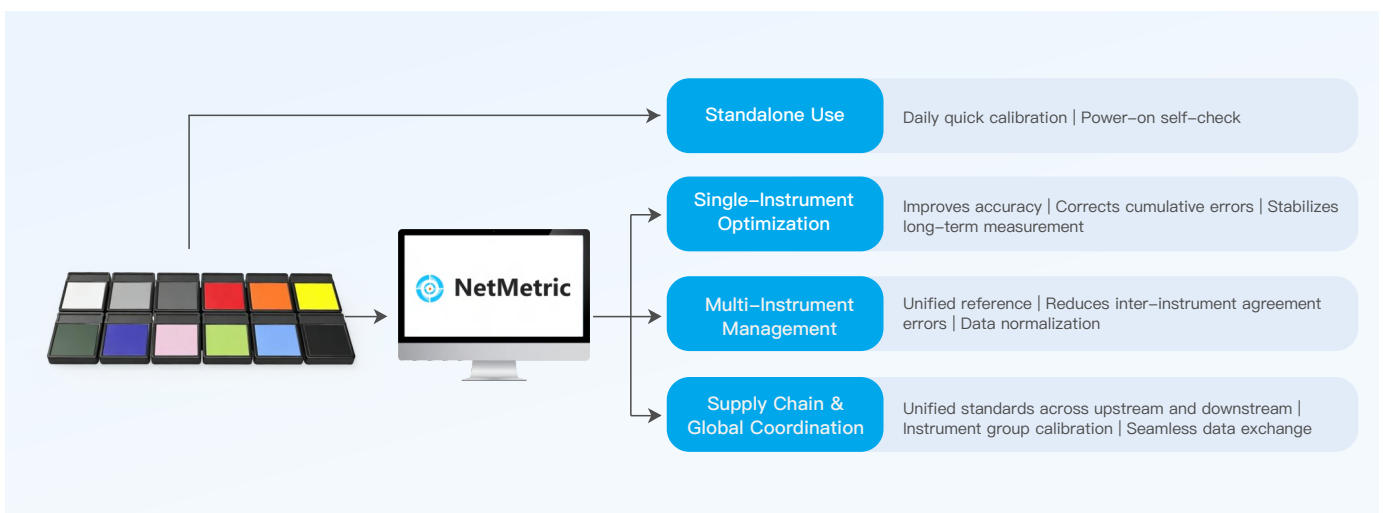
Each individual color tile features a standardized size of 58×73mm with a thickness of 12mm, and an effective color area of 45×45mm, compatible with most colorimeters and spectrophotometers on the market. The hard-shell exterior and high-wear-resistant color surface are designed to withstand daily high-frequency use in factory environments, maintaining long-term color stability.



- For accuracy verification and consistency checks of colorimeters, spectrophotometers, and other color measurement instruments.

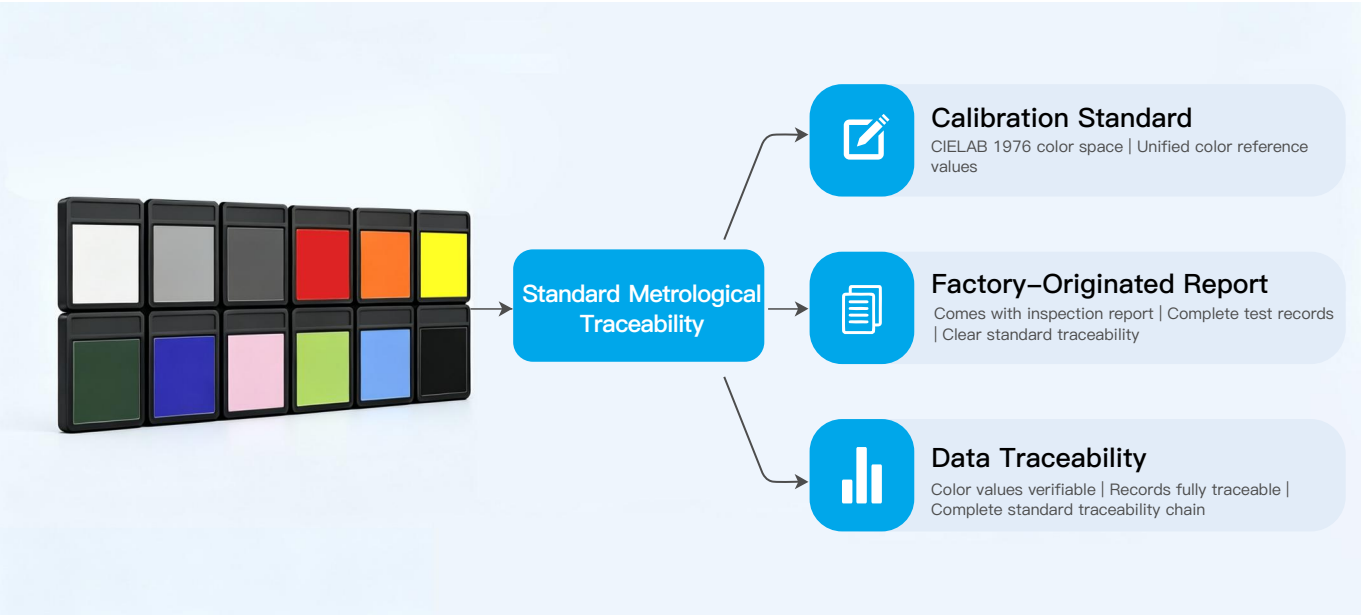
3. Flexible Expansion – Ensuring Device Consistency

The tiles can be used independently as standard color references for daily quick calibration, or paired with the optional NetMetric network calibration software to improve accuracy across multiple instruments, reduce inter-instrument agreement errors, and correct cumulative errors from long-term use. It can also systematically calibrate all instrument groups within the enterprise and across the supply chain, significantly reducing inter-instrument measurement errors and enabling unified color data exchange between local factories and global partners.



4. Authoritative Standard Traceability – Ensuring Long-Term Instrument Reliability

All color tiles are calibrated according to the CIELAB 1976 international color space standard and come with an original factory inspection report, with all test data fully traceable. As traceable physical standards, they enable regular verification of color measurement instrument performance stability, effectively correcting measurement data drift caused by aging optical components, mechanical wear, and temperature/humidity variations. They help you anticipate instrument maintenance needs in advance, fundamentally reducing batch color difference incidents caused by instrument inaccuracy.



SPECIFICATION

Category	Specification / Description
Colors	12 colors: White, Light Gray, Medium Gray, Vivid Red, Vivid Orange, Vivid Yellow, Deep Green, Deep Blue, Light Pink, Light Green, Light Blue, Black
Individual Color Tile Dimensions	58 × 73 mm, Thickness: 12 mm
Effective Color Area	45 x 45mm
Finished Product Size (Color Box)	335 x 95 x 92mm
Standard Package	12 standard color tiles, electronic thermo-hygrometer (±1°C accuracy), standard inspection report (factory-original)
Default Report Content	L*a*b* standard data measured under D/8 geometry with SCI+SCE, in accordance with CIELAB 1976 color space standard
Applications	Can be used independently as standard color tiles, or in conjunction with the optional NetMetric network calibration software to calibrate instrument accuracy.

GUANGDONG THREENH TECHNOLOGY CO., LTD.



★ CONTACT US

- web: www.3nh.com
- Tel: 0086-020-82880288
- Email: 3nh@3nh.com
- Add: 6-8th floors, Building B33, Low Carbon Headquarters Park, Xincheng Road No.400, Zengcheng District, Guangzhou, Guangdong Province, China