

YOUR CHIEF COLOR EXPERTS

COLOR MANAGEMENT

Color Measurement Is So Easy

PRECISION COLORIMETER NR60CP

NR60CP precision colorimeter has the advantages of high accuracy, powerful function and precise measurement which are warmly welcomed by











PRODUCT FEATURES

- 1. Switchable 8mm and 4mm measuring apertures, easy to measure concave surface.
- 2. Higher measurement stability and accuracy, Delta E ab<0.03.
- 3. More color spaces, various color indexes, extensive applicability.
- 4. Double locating: illuminating locating and cross locating.
- 5. Configured with high-capacity rechargeable Li-ion battery.
- 6. Built-in white plate parameters and physical white calibration board, easy to operate.
- 7. New integrating sphere optical path design, more stable measurement.
- 8. Measurement data can pass national metrology authentication.



APPLICATION INDUSTRY

NR60CP precision colorimeter is widely used in plastic, electronic, paint, ink, textile, garment, printing and dyeing, food, medical, cosmetic, industries, scientific research institutes, schools and laboratories. It can precisely measure kinds of color indexes in various color spaces and easy to use with powerful functions. The instrument is equipped with high-end color management software which can connect to PC to achievemore extension functions.















SPECIFICATION PARAMETER

Illuminating/Viewing Geometry:8°/d

Light Source: LED Light

Sensor: silicon photodiode array

Measuring aperture: Φ 8mm flat aperture; Φ 4mm tip aperture Color Space: CI E L AB, XYZ, LCh, CI E RGB, CI E LUV

Color Difference Formula: ΔE^* ab, $\Delta E(h)$, ΔE^* uv, ΔE^* 94,

 ΔE^* cmc (2: 1) , ΔE^* cmc (1: 1) , ΔE^* 00

Other Chromaticity Data: WI (E313, CIE, AATCC, Hunter),

YI (D1925,313), Color Fastness, Staining Fastness, J PC79,BFD

(1.5:1),FMCII

Observer:CI E 10°

Illuminant: D65, A, C, D50, F2, F6, F7, F8, F10, F11, F12

Display Data: Colorimetric Value, Color Difference Value/Graph, PASS/FAIL Result, Color Offset

Measuring Time: 0.4s

Repeatability:∆E* ab 0. 03 (Average of 30 measurements of standard white plate within 5s)

Errors between each instrument: within Delta E*ab 0.4

Dimension:205*67*80mm

Weight:500g

Battery: rechargeable lithium-ion battery 3. 7V @ 3200mAh

Lamp Life: 5 years, more than 1.6 million measurements

Screen:TFT 2.4 inch(16: 9)

Interface: USB

Storage: 100 Standards, 20000 Samples **Operating Temperature:**0~40°C(32~104°F) **Storage temperature:**-20~50°C(-4~122°F)

PC software: CQCS3 software

Optional accessory: miniature thermal printer, powder test box

GUANGDONG THREENH TECHNOLOGY CO., LTD.





Colorimeters



Haze Meters



Gloss Meters

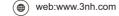


Test Charts



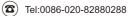
Light Booths







(☑) Email:3nh@3nh.com



★CONTACT US

Add: 6-8th floors, Building B33, Low Carbon Headquarters Park, Xincheng Road No.400, Zengcheng District, Guangzhou, Guangdong Province, China