

NR200 High Quality Colorimeter

3nh
Focus on Color

- Humanity Design and Convenient Operation
- Stable Measurement Performance
- Convenient and Fast Locating
- PC Software –More Function Expansion
- Equipped with High Capacity Li-ion Battery



Nr200 colorimeter, with high cost-effective, is another masterpiece of 3NH. NR200 is a portable colorimeter with high stability, high accuracy and high cost-effectiveness.

NR Series Precision Colorimeter

Make the Measurement Easier

ISO 9001
Certified



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PRODUCT FEATURES

1. Leading Humanity Design and Convenient Operation

- One-Touch Access to Measurement Interface
- Structure Design in line with Ergonomics
- Easy-to-use Operator Interface

2. Stable Measurement Performance

- The average fluctuation of ΔE is less than 0.08.
- Portable structure design is more conducive to keeping the instrument stable when using.

3. Flexible and Accurate Locating

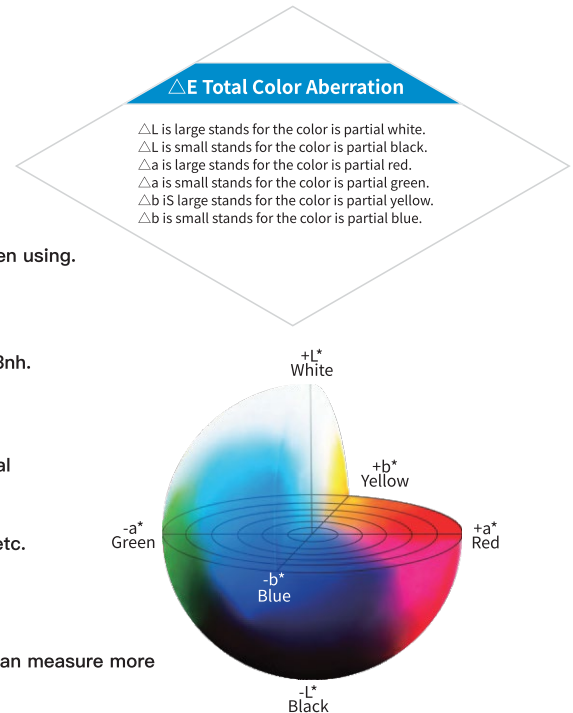
- Illumination locating is a fast, simple and convenient locating which is created by 3nh.

4. PC Software- Realize More Function Expansion

- 3nh has the intellectual property of PC software. The corresponding software serial number and password protection are configured in 3nh colorimeter.
- Be able to perform color difference analysis, color difference cumulative analysis, chromaticity index, color sample database management, simulating object color, etc.

5. Advanced Power Management Design

- 3nh is the first enterprise using high capacity Li- ion battery in colorimeter.
- 3nh Li-ion battery can be repeatedly charged which will save cost. Meanwhile, it can measure more than 3000 times on one charge to ensure the stability of long time measurement.



Applicable Industries



Technical Specifications

Model: NR200
 Illuminating Geometry: 8/d
 Measuring Aperture: $\Phi 8\text{mm}$
 Standard: CIE NO.15, GB/T 3978
 Detector: Silicon photoelectric diode
 Color Space: CIELAB, LCh, XYZ
 Observer: CIE10°
 Light Source: D65
 Display Data: Colorimetric Value, Color Difference Value/Graph, PASS/FAIL Result, Color Offset
 Test Time: 1.5S
 Repeatability: ΔE^*ab 0.08
 Errors Between Each Equipment: ΔE^*ab 0.4
 Storage: 100pcs standards 20000pcs samples
 Weight: 500g
 Dimension: 205x 70x 100 mm
 Power source: Rechargeable lithium-ion battery 3.7V@3200mAh
 Lamp Life: 5 years, more than 1.6 million measurements
 Interface: USB
 Printer (optional): Miniature thermal printer