NR200 High Quality Colorimeter

- 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

Nr200 High Quality Colorimeter

1. Leading Humanity Design and Convenient Operation

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

△E Total Color Aberration

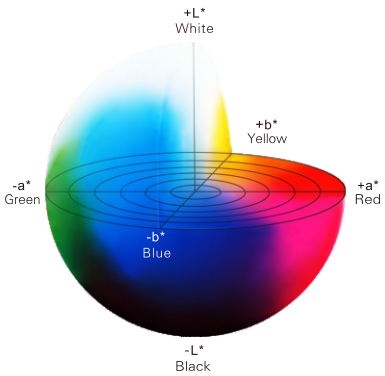
△L is large stands for the color is partial white.
△L is small stands for the color is partial black.
△a is large stands for the color is partial red.
△a is small stands for the color is partial green.
△b is large stands for the color is partial yellow.
△b is small stands for the color is partial blue.

2. Stable Measurement Performance

- The average fluctuation of □ E is less than 0.08,
- Portable structure design is more conductive 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.



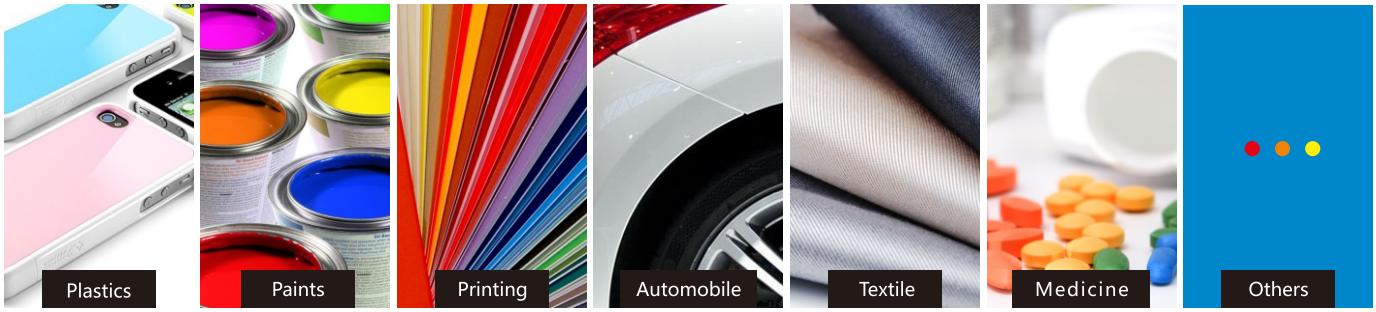
4. PC Software—Realize More Function Expansion

- 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

Illuminating/Viewing Geometry : 8/d
Measuring Aperture : Φ8mm
Detector : Silicon photoelectric diode
Color Space : CIEL*a*b*C*h* CIEL*a*b* CIEXYZ
Color Difference Formula : △E*ab △L*a*b* △E*C*h*
Light Source : D65
Light Source Device : LED blue light excitation
Errors Between Each Equipment : ≤0.50ΔE*ab
Storage : 100pcs standards 20000pcs samples
Repeatability : Standard deviation within ΔE*ab 0.07 Average of 30 measurements of standard white plate
Weight : 500g
Dimension : 205×70×100 mm
Power source : Rechargeable lithium-ion battery 3.7V@3200mAh
Lamp Life : 5 years, more than 1.6 million measurements