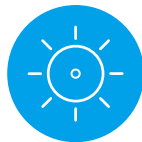# NR10QC+

COLORIMETER

Introduce

In response to the market demand for products with low price and high cost performance, the NR10QC+ economical universal colorimeter we launched is the most cost-effective one among domestic colorimeters.

NR10QC+ is a precision instrument developed and produced according to the relevant standards and national standards of CIE (International Commission on Illumination). The colorimeter adopts brand-new imported key components and has been carefully designed to be accurate and stable, easy to operate, easy to learn and understand, and economical.

Cost-effective

NR10QC+ has won the favor of the market with high configuration and low price, making it a good product that everyone can use.

Long life LED

The full spectrum combined LED light source is used, and the spectral balance is not missing, providing illumination guarantee for accurate measurement.

Universal measuring caliber

4mm universal measuring caliber, suitable for most working conditions, easy to use.

PRODUCT FEATURES

1. High performance and low price.
2. Repeatability: ΔE ≤ 0.03.
3. Double locating: Illuminating locating and precise cross locating.
4. Equipped with rechargeable Li-ion battery, no need to purchase battery repeatedly.
5. 4mm measuring aperture, portable structure, suitable for more measuring occasions.
6. White appearance, color box packaging, easy to transport.
7. Built-in white plate parameters, no need to do calibration.
8. Directly use after power on, no need to connect with computer.

NR10QC+ colorimeter is an economical and practical model, user-friendly interface design is easy to learn and operate. Illuminating and cross double locating functions make measurement more precise. Built-in white board makes measurement easier. At the same time,high-end color quality management software equppied with instrument can easily help you manage your color database.

APPLICATION INDUSTRY

Colorimeter can easily achieve accurate color transmission, also can be used as a measuring equipment for precise color matching system. It's widely used in traffic signs, plastics, electronics, painting, ink, textile and garment, printing and dyeing, printing paper and so on. With UV included, it can test fluorescent sample.
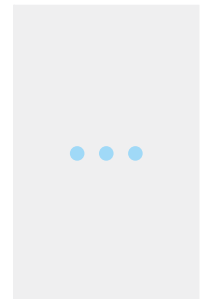
| Traffic sign | Textile | Plastics | Coating | Food | Laboratory | Others |

TECHNICAL SPECIFICATIONS

Model: NR10QC+
Viewing Geometry: 8°/d,8 degrees lighting diffuse reflectance receiving; in line with the standard CIE No.15, GB/T3978
Illuminating: Full spectrum LED illumination
Sensor: CMOS dual optical path sensing
Measuring Aperture: Φ4 mm
Color Space: CIE LAB
Color difference formula: ΔE*ab
Observation angle: CIE 10° Standard Observer
Light Source: D65
Display: Chroma value, color difference value/map, pass/fail result, color bias
Measure time: 1.5s
Repeatability: Standard deviation within ΔE*ab 0.08 Average of 30 measurements of standard white plate

Errors Between Each Equipment: ≤0.40ΔE*ab
Dimension: 205x67x80mm
Weight : About 400g (including battery)
Power source : lithium-ion battery 3.7V@3200mAh
Lamp Life : 5 years, more than 1.6 million measurements
Screen : TFT true color 2.8inch@(16:9)
Data Interface : USB power only
Locating Method : Spot positioning, camera positioning
Storage : 100pcs standards 10000pcs samples
PC software: \
Standard accessories: Power adapter, user manual, wrist strap, 4mm platform measuring caliber
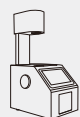**Optional accessories:** Micro printer, powder test box

| Spectrophotometers | Colorimeters | Haze Meters | Gloss Meters | Test Charts | Light Booths |