

NR110 Precision Colorimeter

3nh[®]
Focus on Color

- Double Locating: Illuminating locating and cross locating
- Double Measurement End face: Large area measurement and small area measurement
- New Integrating Sphere Design: More stable measurement
- Equipped with Rechargeable High-Capacity Li-ion Battery



Easy to use



Long life LED
light source



Precise measurement



High hardware
configuration



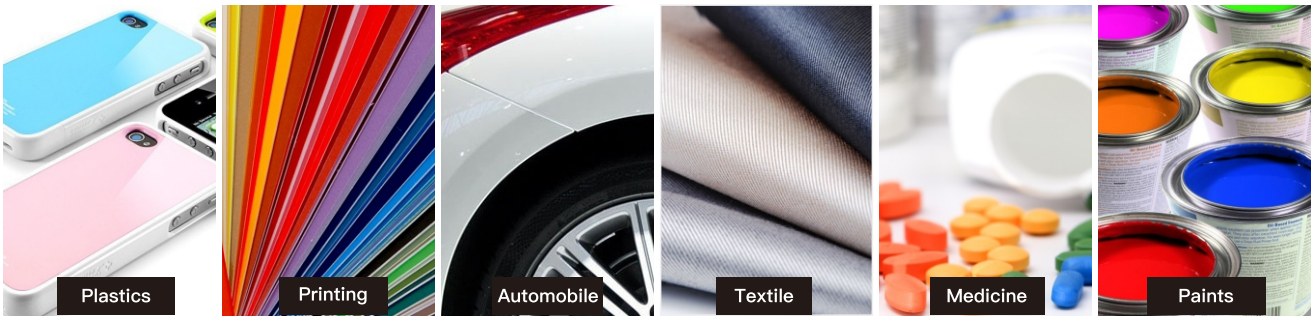
Shenzhen ThreeNH Technology Co., Ltd.

NR110 Precision Colorimeter

Product Advantages

- a. Built-in white plate parameters. No need to calibrate each time which realizes rapid measurement.
- b. Double Locating: Illuminating locating and precise cross locating.
- c. Switchable Double Measurement End face: Large area stable end face and small area measurement for concave-convex end face.
- d. New Integrating Sphere Optical Path Design: Eliminating the stray light of main optical path and auxiliary optical path.
Having the advantages of the highest measurement stability and precision.
- e. 4mm Measuring Aperture: suitable for more measurement circumstances.
- f. Equipped with rechargeable high-capacity Li-ion battery. No need to purchase battery repeatedly.
- g. Configure CQCS3 software. Connect PC computer to realize more functions.
- h. Having passed SCM Metrological Certification, CE Certification, and ISO9001 Quality Management System Certification.
- i. Hand-head structure: small and convenient; make the measurement easier.
- j. Exquisite appearance: adopts traditional and fashionable aesthetic designs.

Applicable Industries



Technical Specifications

Model: NR110
Color Space: CIE LAB, LCh, XYZ
Screen: TFT 2.8 inch (16:9)
Illuminating/Viewing Geometry: $8^\circ/d$
Detector: Silicon photoelectric diode
Standard: CIE No.15, GB/T 3978
Measuring Aperture: ϕ 4mm
Locating: Illuminating Locating/Cross Locating
Light Source: D65
Observer: CIE 10°
Interface: USB
Lamp Life: 5 years, more than 1.6 million
Dimension: 205x67x80 mm
Storage: 100pcs standards 20000pcs samples
Weight: 450g
Errors Between Each Equipment: $\Delta E^*ab 0.4$
Repeatability: Standard deviation within $\Delta E^*ab 0.08$ Average of 30 measurements of standard white plate
Display Data: Colorimetric Value, Color Difference Value/Graph, PASS/FAIL Result, Color Offset
Power source: Rechargeable lithium-ion battery 3.7V@3200mAh
PC Software: CQCS3 Software
Printer (optional): Miniature thermal printer

Shenzhen ThreeNH Technology Co., Ltd.

Address: F/6, Block 5B, Skyworth Inno Valley, Tangtou 1st Road, Shiyan, Baoan District, Shenzhen, P.R. China.
Sales: 400-666-2522
Tel: 86-755-26508999 Fax: 86-755-26078633
Email: 3nh@3nh.com Website: www.3nh.com

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