Make measurement easier



PRODUCT FEATURES--

- 1.Built-in white plate parameters. No need to calibrate each time which realize rapid measurement;
- 2.Double Apertures: $\Phi 8$ mm flat aperture and $\Phi 4$ mm tip aperture for switch, easy to measure concave sample in large plane;
- 3. High stability and accuracy, good compatibility for test data compared with geometric optical structure D/8 spectrophotometer;
- 4. Double locating: illuminating locating and cross locating;
- 5. Equipped with rechargeable built-in high-capacity Li-ion battery. No need to purchase battery repeatedly;
- 6. True color FTF 2.8 inch display, good human-computer interaction;
- 7. More than 10,000 test data storage spaces;
- 8. The new integral sphere design makes the measurement more stable.

Φ4mm tip aperture Φ8mm flat aperture

APPLICATION INDUSTRY

NR100 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.





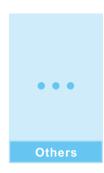








Series II color tiles)



SPECIFICATION PARAMETER

Model: NR100 ween Each EquipmentWithin: ΔE*ab 4 (Average for 12 BCRA

Illuminating/Viewing Geometry: 8/d(8°illumination angle/diffuse viewing);

Conforms to CIE No.15,GB/T 3978. Dimension: 205×67×80 mm

Illumination : LED white light Weight : 500g

Detector : Silicon photoelectric diode Power source : Rechargeable lithium-ion battery 3.7V@3200mAh

Measuring Aperture : Φ8mm flat aperture; Φ4mm tip aperture

Lamp Life : TFT 2.8 inch
Interface : USB

(Average of 30 measurements of standard white plate)

Color Space : CIE LAB

Color Difference Formula : ΔΕ*ab

Interface : USB

Data Memory : 100pcs standards 10000pcs samples

Observer Angle: CIE 10°

Operating Environment: 0~40°C(32~104°F)

Storage Environment: -20~50°C(-4~122°F)

Light Source : D65 Storage Environment : -20~50°C(-4~122°F)

Displayed Data : Chromaticity Values, Color Difference Values/Graph, PC Software : No

PASS/FAIL Result, Color Offset Standard Accessory : Power Adapter, User Guide, Wristbands,

Measuring Time: 1.0s Φ8mm flat aperture; Φ4mm tip aperture.

Repeatability: Standard deviation within ΔE*ab 0.03 Optional Accessory: Micro Printer, powder test box

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