

Portable Colorimeter WR10QC



Introduction

WR series colorimeter new upgraded model, TFT true color 2.8inch@(16:9);
Adopt Type C charging interface, built-in lithium battery charging;
Long press button to open the measurement;
Black and white manual calibration technology,
to ensure color data consistent and stable.

Features

High-precision spectroscopic structure, accurate and stable measurement data;
New appearance upgrade, compact body is convenient to carry;
Rich setup interface, easy to record accurate data;
Bluetooth APP support, PC software to assist work;
Type C charging interface.

Applications

Widely used in plastics, coatings, inks, printing, textiles, chemicals and pharmaceuticals, food, home building materials, and color design etc.



Model: WR-10QC

Color Space: CIE-Lab、CIE-LCh、Luv、Hunter-Lab、XYZ、Yxy、sRGB

Color Difference Formula: ΔE^*ab 、 ΔE^*ch 、 ΔE^*uv 、 $\Delta E^*HunterLab$ 、 $\Delta E^*CMC(l:c)$ 、 ΔE^*94 、 ΔE^*00 、 ΔE^*sRGB 、 ΔE^*BFD 、 ΔE^*FCMII

Light Source: A、C、D50、D55、D65、D75

Aperture: $\phi 8mm$

Geometry: d/8, 40mm integrating sphere, SCI

Light: Full spectrum LED

Resolution: 0.01

Sensor: Silicon solar cell array

Observer: 10°CIE1964 / 2°CIE1931

Wavelength: 400-700nm, interval: 10nm

Reflectivity: 0-200%, accuracy: 0.01%

Measurement Range: L: 0 to 100

Repeated Accuracy: $\Delta E < 0.07$

Table Difference: $\Delta E < 0.4$

Test speed: 1.0Sec.

Storage Capacity: 10000 data

Lifetime of Bulb: 5 years more than 1.6 million measurements

Interface: Type C/Bluetooth

Software: Android/iOS/Windows

Working Temperature: 0°C-40°C (32°F-104°F)

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

Humidity: Relative humidity less than 85%,without condensation

Weight: 700g

Size: 199*68*90mm

Battery Charging Time: 8 hrs

Battery: Polymer battery, 1000 times tests for full charged

Standard Accessories: Instrument/Calibration board/Type C cable/Charger/User manual/Warranty card

