DDW Color & Gloss
www.cdwki.cn

Shenzhen Caidawei Technology Co., Ltd
Tel: +86-755-23023660   Email: sales@cdwkj.cn
ADD: Yingyuan Science and Technology Park, G25, Huizhou City, Guangdong Province, China.

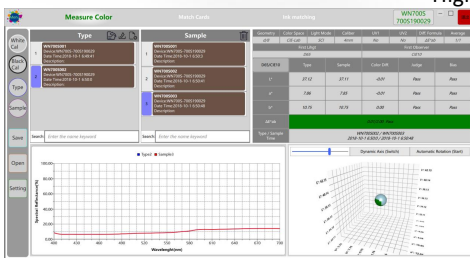**Capturing Color from the Real World**

Portable Colorimeter WR10

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-10

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

Color Difference Formula: △E*ab、△E*ch、△E*uv、△E*HunterLab、△E*CMC(I:c)、△E*94、△E*00、△E*sRGB、△E*BFD、△E*FCMII

Light Source: A、C、D50、D55、D65、D75   **Aperture:** φ8mm

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:** △E<0.05

Table Difference: △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℃-40℃（32℉-104℉）   **Storage Temperature:** -20℃-50℃（-4℉-122℉）

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