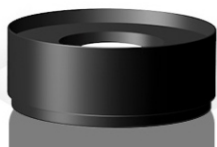
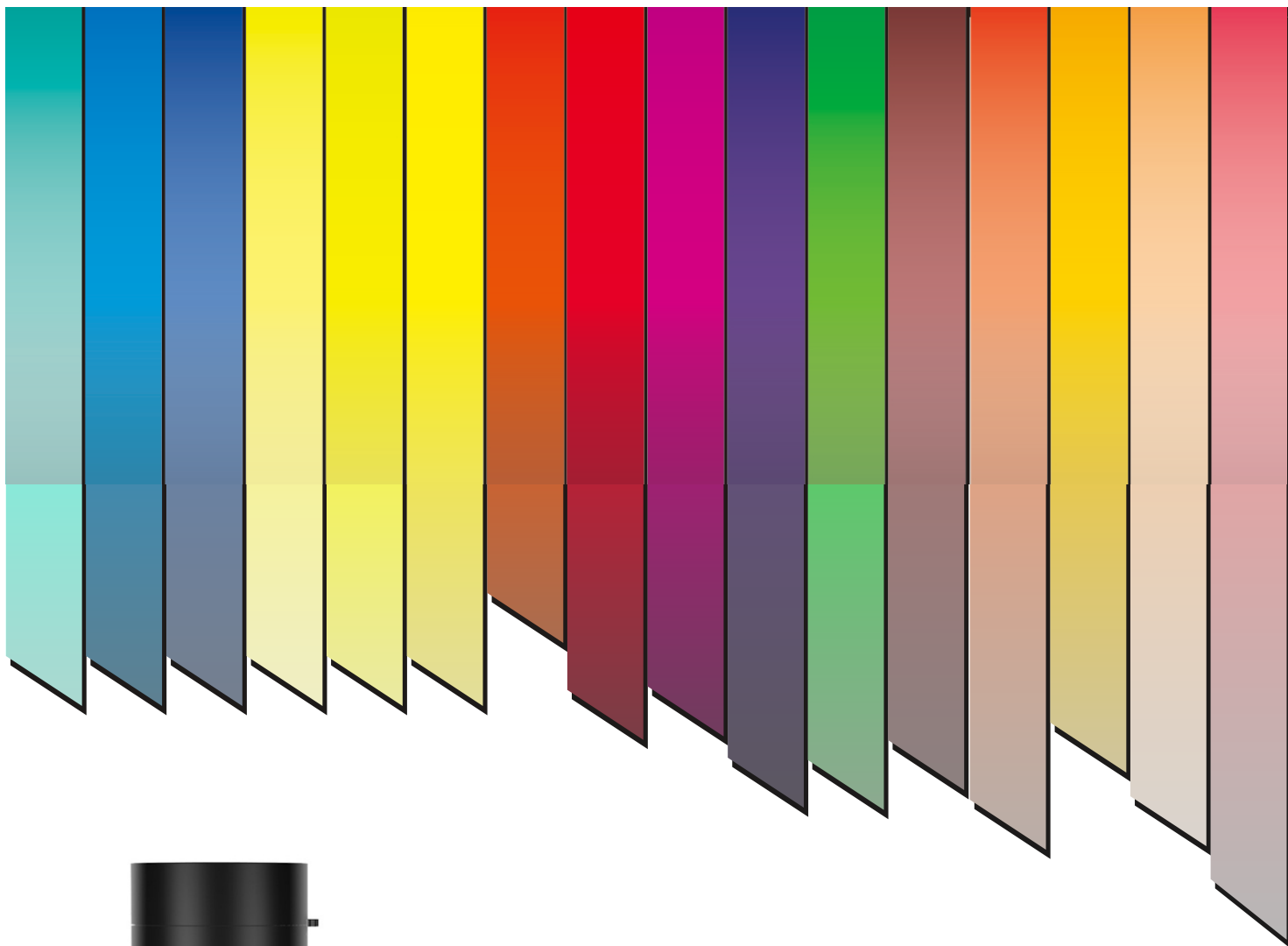




Leading color detection company

Easy to carry smart color measurement tool



CR4505 45° Ring illumination

CR4505 Chromatics is developed by combining advanced color sensors with rich performance APP applications. It adopts 45/0 (45 degree ring lighting, 0 degree reception) geometric optical structure in accordance with CIE No.15. It specially sets up multi-functional "smart keys" and professional non-contact automatic whiteboard verification. The two - in - one color aberration meter and mobile phone color aberration treasure are realized.



Support mobile APP



USB/Bluetooth®



Find the color



Rapid measurement



Product features



Accurate measurement

Repeatability less than or equal to 0.05, display accuracy 0.01, You can get accurate color measurements with just a click.



Automatic calibration

The use of professional contact type automatic check technology, professional standard whiteboard Reflectance $R\% \geq 92\%$ good surface uniformity, high stability.

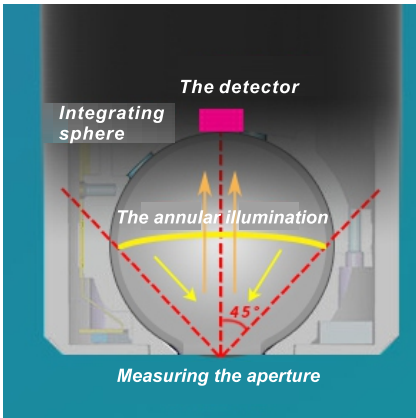
"Operation button" icon description:

- ← Left button: swipe left, left button to record/up select;
- Right key: Swipe to the right, right key to record/down select;
- Confirm: Short press to return or switch sample/standard sample, long press to confirm.



Smart keys

Can independently complete the measurement function Settings or test data review, No need to connect to a phone or computer.



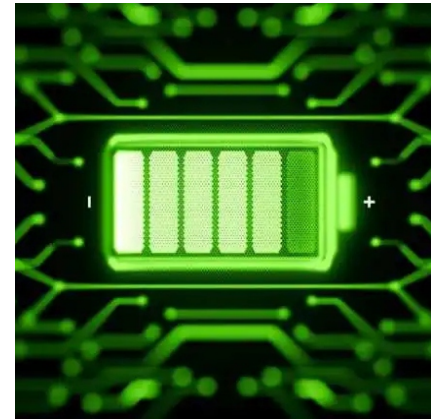
Double optical path design

Professional dual light path sensor and Full spectral light source



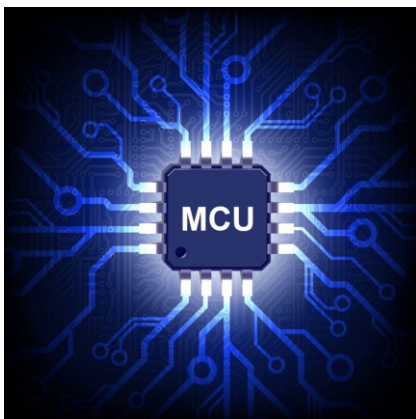
Convenient to carry

Small size, powerful function, easy to carry around, Measurement anytime, anywhere



Large capacity battery

Type-c interface, full charge can be tested for 12,000 times.



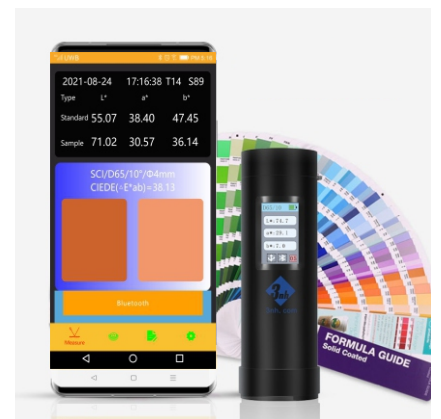
Higher quality

Using industrial grade real-time processing MCU, Bluetooth is more convenient for wireless transmission.



The data show diverse patterns

Color difference treasure CR4505 with APP can visually display the sample chromaticity value, Color difference value/graph, pass/fail result, color simulation, color bias, Reflectivity etc.



A large number of color cards are built into the APP

APP synchronizes massive storage, which can be carried out quickly Color data review, analysis and comparison.

Powerful

- Suitable for color difference quality control in plastic electronics, paint and ink, textile and garment printing and dyeing, printing, ceramics and other industries
- Spectral reflectance, WI (ASTM E313, CIE/ISO, AATCC, Hunter). YI(ASTM D1925, ASTM 313), Colorimetric index Mt, color fastness, Color fastness, Strength, Shading, 555 Tone classification, Munsell(C/2) (realized by mobile APP)

Durable

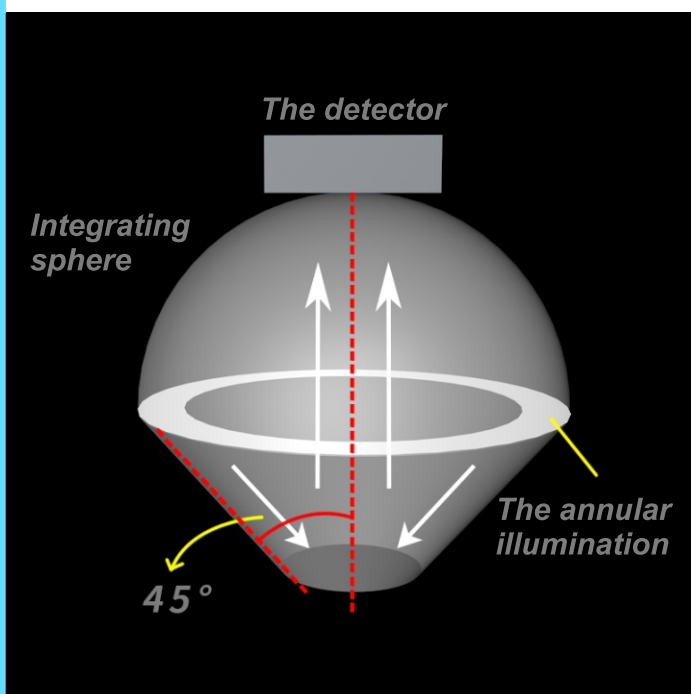
- Light weight, impact resistance, dirt resistance and storage resistance
- Operating temperature range: 0 to 40 ° C, 0 to 85%RH(no condensation), altitude: below 2000m
- Storage temperature range -20~50°C, 0~85%RH(no condensation)

Efficient

- Perfect for lab and outside use
- 8mm standard caliber, suitable for most product measurement
- Support USB cable and Bluetooth wireless transmission, data measurement and transmission, convenient and fast
- Support mobile APP color search, color search, data management
- The measurement is fast and accurate, and it only takes 1S to measure SCI and SCE simultaneously

Accuracy of reading

- Measurement accuracy 0.01
- The standard deviation of repeatability was within 0.05 of ΔE^*ab
- Support multiple national and international standard measurement
- 45° illumination simulated human eye structure observation
- Support display of conformance and nonconformance within tolerance



ColorReader

CR4505

SQCX

Connect devices for powerful extensions

Create instant reports using SQCX

SQCX can be connected through USB cable, Bluetooth (only the instrument supporting Bluetooth) color spectrometer, support a variety of table color system, light source, more complex data management, color detection, report generation, etc., is the right hand of color quality management.



Bluetooth adapter



3nh[®]
www.3nh.com

SQCA

The connection

Connect the device to your phone via Bluetooth® to view real-time readings directly and save them to history.

Review

Visually view historical measurement records for easy comparison.

Management and printing

Data can be copied, deleted, uploaded to the cloud, etc. Data can also be printed out by connecting to a Bluetooth printer.

Rename and change

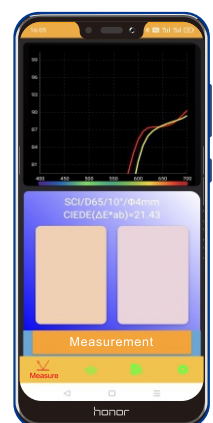
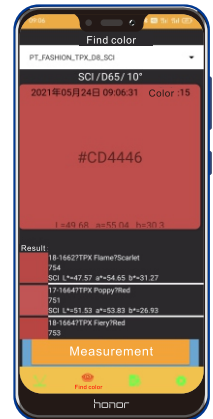
Data records can be named to facilitate recording and modify the data at the same time.

Look up the color and the color formula

Massive color data is built into the APP. By analyzing the measured color, the software automatically finds the similar color difference and obtains the color formula.

Transmission

The data is detected by email from mobile devices to computers for further analysis and reported or transmitted through the cloud.



Android



iOS Mobile Phone & Computer

HarmonyOS



WeChat program



Windows

