

AMT504 Colorimeter Color Difference Measuring Instrument

AMT504 Colorimeter is a stable and reliable color difference measuring instrument. In order to meet the general color measurement needs, AMT504 color difference meter still maintains excellent repeatability, repeatability $\Delta E^*ab \leq 0.03$. AMT504 color difference meter is easy to operate and very easy to use; It can also connect the mobile APP, wechat mini program, computer management software, and carry out color measurement work at any time.

Features:

1. Contains SCI measurement mode: SCI refers to specular reflections that are generally used to study the properties of a color itself without regard to the surface gloss of the sample to which it is attached.
2. Calibration base and zirconium reference with a Mohs hardness of 9 to calibrate the instrument, ensuring long-term stability
3. Support WeChat applet, Android, Apple, Hongmeng mobile APP
4. Use the powerful PC-based colour management system

Specifications:

1. Measurement structure: D/8, SCI
2. Measurement repeatability: $\Delta E^*ab \leq 0.03$
3. Display accuracy: 0.01
4. Measuring aperture: There are two types of stable type and smart type: $\Phi 6mm$, $\nabla 6mm$
5. Measurement index: CIE-Lab, Chromatic Aberration ΔE^*ab
6. Light source condition: D65
7. Lighting source: All-band equalization LED light source
8. Measurement and observation mode: Visual
9. Calibrate: Manual calibration
10. Software support: Android, iOS, Windows, Wechat mini program
11. Accuracy guarantee: Assurance of metrology
12. Field Angle: 10°
13. Integrating sphere diameter: 40mm
14. Meet the standard: CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO7724-1, ASTM E1164, DIN5033
15. Spectroscopic method: Nano integrated spectral device
16. Inductor: Silicon photodiode array double 16 groups
17. Wavelength interval: 10nm
18. Wavelength range: 400~700nm
19. Reflectance measurement range: 0-200%
20. Reflectance resolution: 0.01%
21. Measurement mode: Single measurement, average measurement (2~99 Times)
22. Measuring time: About 1s
23. Port: USB, Bluetooth
24. Screen: IPS full color screen, 2.4 inches
25. Battery capacity: Continuous measurement on a single charge 8000 times, 3.7V/3000mAh

- 26. Light source lifetime: 1 million times in 10 years
- 27. Language: Simplified Chinese, English
- 28. Store: Instrument: standard sample 100 pieces, 10000 samples; APP mass storage

Optional Parts:

- 1. Powder measuring cassette
- 2. Powder measuring cassette - clear glass slides
- 3. Ceramic panels
- 4. 800 quartz cylindrical cuvette (outer size $\phi 32 \times 41$ mm, wall thickness 1.5mm)