COLORIMETER (BASIC TYPE)
CODE 5700-LS35

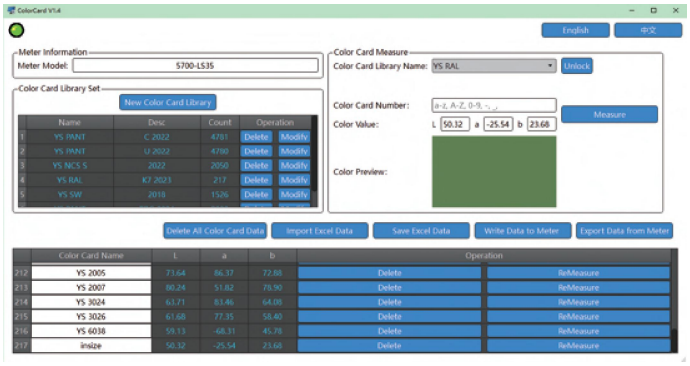
INSPECTION CERTIFICATE | MATCHING COLOR CARD QUICKLY | DATA OUTPUT

- 3.5-inch IPS display and capacity touch panel
- Able to store 1000 color compare records, 1000 color scan records, 100 standard records, 100 spectral curve records
- With multiple built-in standard electronic color charts, the color measurement function enables quick matching of the 3 closest color codes
- QC testing function, can set color difference threshold
- 3.7V/4000mAh battery, 10000 continuous measurements
- Testing can be controlled from the software, with test data displayed, passes counted, and reports exported

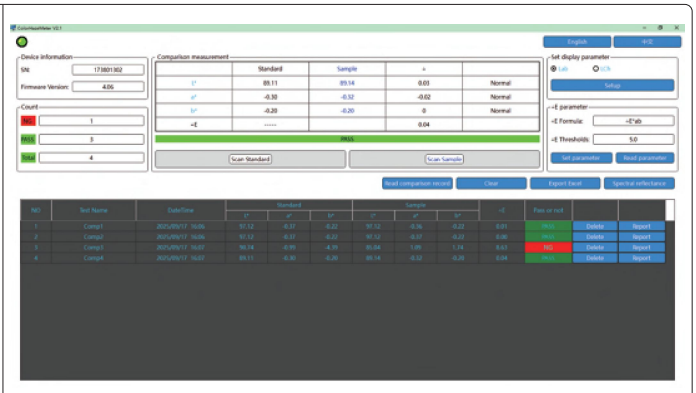
locating plate (included)

white calibration cavity (included)

software interface (included)



includes 6 electronic color charts, color chart libraries importable via colorcard software



download instrument data, test can be controlled from the software, report, Excel

SPECIFICATION

Illumination geometry	D/8, specular component include (SCI)
Illumination light source	full spectrum LED light source
Measurement conditions	light source D65, observer angle 10°
Wavelength range	400~700nm
Wavelength interval	10nm
Illumination aperture	8mm
Measuring time	1s
Color space	CIE-Lab, CIE-LCh, CIE Luv, Yxy, CMYK, RGB, YI-98, WI-98, WI-Ganz, WI-Hunter, WI-R457, HSL, HSV, ITA, Spectra
Color difference formula	ΔE*ab, ΔE*uv, ΔE*94, ΔE*cmc(2:1), ΔE*cmc(1:1), ΔE*cmc(1.4:1), ΔE*00
Repeatability	standard deviation ΔE*ab≤0.03 (measurement condition: the average value of 30 measurements on the whiteboard at an interval of 3s after calibration)
Electronic color chart	can create up to 46 charts, total 20000 color codes
Operating environment	0~45°C, 0~85%RH (no condensation)
Storage environment	-25~55°C, 0~85%RH (no condensation)
Interface	USB (Type-C)
Dimension (L×W×H)	86×63×158mm
Net weight	245g

STANDARD DELIVERY

Main unit	1 pc
White calibration cavity	1 pc
USB cable	1 pc
Power adapter	1 pc
Software	1 set
Cleaning cloth	1 pc
Locating plate	1 pc