

## COLORIMETER (BASIC TYPE) CODE 5700-LS35

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



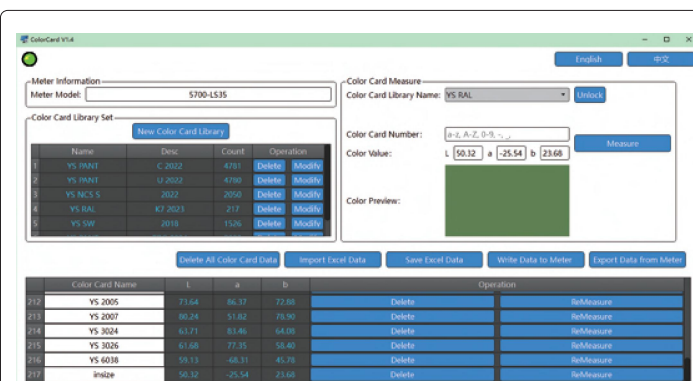
locating plate (included)



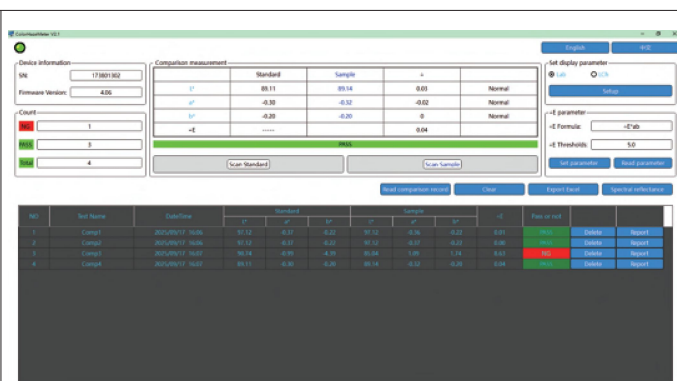
white calibration cavity (included)



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

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

### STANDARD DELIVERY

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