

## NR60CP color meter / colorimeter



NR60CP features high accuracy, powerful functions, and high cost-effective to repay the support and trust of our customers.

### Features:

1. 8mm and 4mm double aperture for switch, easy to measure concave sample in large plane
2. More stable and accuracy,  $\Delta E_{ab} < 0.03$
3. Many color spaces, many color indexes, extensive applicability
4. Double locating: illuminating locating and cross locating
5. Equipped with rechargeable high-capacity li-ion battery
6. Built-in white plate parameters, and configuration of physical whiteboard, easy to operate;
7. New integrating sphere optical path design, more stable to measure;
8. Double apertures measurement data can pass SCM metrological certification;

### Application Industry:

NR60CP colorimeter is widely used in plastic, electronic, paint, ink, textile, garment, printing and dyeing, food, medical, cosmetic, industries, scientific research institutes, schools and laboratories. It not only can precisely measure many kind of color indexes in many color spaces, but also it's easy to use with powerful functions. The instrument is equipped with high-end color management software which can connect PC to achieve more extension functions.



### Pacakge Detail:



**Specifications:**

<b>Model</b>	NR60CP
<b>Illuminating/Viewing Geometry</b>	8° / d; CI E No. 15, GB/ T 3978
<b>Light Source</b>	LED sources
<b>Sensor</b>	Silicon photodiode array
<b>Measuring Aperture</b>	Φ8mm large area end-face; Φ4mm small area concave-convex end-face
<b>Color Space</b>	CI E LAB, XYZ, LCh, CI E RGB, CI E LUV
<b>Other Chromaticity Data</b>	WI ( E313, CI E, AATCC, Hunt er ), YI ( D1925, 313), Color Fastness, Staining Fastness, J PC79, BFD( 1. 5: 1), FMCI I
<b>Observer</b>	CI E 10°
<b>Illuminant</b>	D65, A, C, D50, F2, F6, F7, F8, F10, F11, F12
<b>Display Data</b>	Colorimetric Value, Color Difference Value/Graph, PASS/FAIL Result, Color Offset,
<b>Measurement Time</b>	0. 4s
<b>Repeatability</b>	$\Delta E^*_{ab}$ 0. 03(Average of 30 measurement of standard white plate within 5s)
<b>Errors between each instrument</b>	within $\Delta E^*_{ab}$ 0.2
<b>Dimension</b>	(L*W*H)205*67*80mm
<b>Weight</b>	500g
<b>Battery</b>	rechargeable lithium-ion battery 3. 7V @ 3200mAh
<b>Lamp Life</b>	5 years, more than 1.6 million measurements
<b>Display Screen</b>	TFT 2.8 inch ( 16: 9 )
<b>Interface</b>	USB/RS-232

<b>Data Memory</b>	100 Standards, 20000 Samples
<b>Operating Temperature</b>	0~40°C (32~104°F)
<b>Storage temperature</b>	-20~50°C (-4~122°F)
<b>Optional Accessory</b>	miniature thermal printer, powder test box

**Warranty:**

3nh offer one year product warranty from the purchased date and lifetime maintenance (except consumables), in the absence of man-made damage and cases of force majeure.