NR60CP Precision Colorimeter

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

双测量口径
快速切换

4mm   4mm\8mm双接口，超高性价比   8mm

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 is 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.

Specifications:

Model	NR60CP
Illuminating/Viewing Geometry	8° / d; CI E No. 15，GB/ T 3978
Light Source	LED sources
Sensor	Silicon photodiode array
Measuring Aperture	Φ8mm large area end-face; Φ4mm small area concave-convex end-face
Color Space	CI E L AB，XYZ，LCh，CI E RGB，CI E LUV
Other Chromaticity Data	WI (E313，CI E, AATCC，Hunt er)，YI (D1925， 313), Color Fastness， Staining Fastness, J PC79，BFD(1. 5: 1)，FMCI I
Observer	CI E 10°
Illuminant	D65，A，C，D50，F2，F6，F7，F8，F10，F11，F12
Display Data	Colorimetric Value, Color Difference Value/Graph, PASS/FAIL Result, Color Offset,
Measurement Time	0. 4s
Repeatability	ΔE* ab 0. 03(Average of 30 measurement of standard white plate within 5s)
Errors between each instrument	within Delta E*ab 0.2
Dimension	(L*W*H)205*67*80mm
Weight	500g
Battery	rechargeable lithium-ion battery 3. 7V @ 3200mAh
Lamp Life	5 years, more than 1.6 million measurements
Display Screen	TFT 2.8 inch（16: 9）
Interface	USB/RS-232
Data Memory	100 Standards, 20000 Samples
Operating Temperature	0~40℃（32~104°F）
Storage temperature	-20~50℃（-4~122°F）
Optional Accessory	miniature thermal printer, powder test box