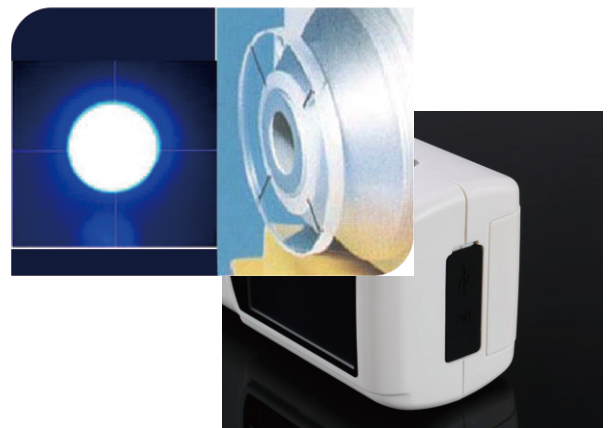




## NR145 PRECISION COLORIMETER

NR145 is a precision colorimeter . NR145 colorimeter has strong functions which applied a number of differential innovative technologies. It can measure accurately in 45° illumination /0° receiving under the SCE mode. Plus, its CSCQ3 software helps perform color difference analysis, color difference cumulative analysis, chromaticity index, color sample database management, simulating object color, etc.



Easy to use



Long life LED  
light source



Precise measurement



High hardware  
configuration



## PRODUCT FEATURES

1. Built-in white plate parameters. No need to calibrate each time which can perform measurement quickly.
2. Double Locating: Illuminating locating and precise cross locating.
3. New 45°/0° Optical Path Design: Significantly improve the measurement stability and precision.
4. 8mm Measuring Aperture.
5. Equipped with rechargeable high-capacity Li-ion battery. No need to purchase battery repeatedly.
6. Configure CQCS3 software. Connect PC computer to realize more functions.
7. Hand-head structure: small and convenient; make the measurement easier.



## APPLICATION INDUSTRY

NR145 colorimeter spectrophotometer 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 help to perform color matching and color management studies, but also can control product quality management. NR145 colorimeter is equipped with high-end color management software that can connect to PC to achieve more extension functions.



Plastics

Paints

Printing

Automobile

Textile

Medicine

Others

## SPECIFICATION PARAMETER

**Model:**NR145

**Illuminating/Viewing Geometry:**45°/0°

**standard:**CIE NO.15,GB/T 3978

**Detector:**Silicon photoelectric diode

**Measuring Aperture:**Φ8mm

**Color Space:**CIELAB,LCh,XYZ

**Observer:**CIE10°

**Light Source:**D65

**Display Data:**Colorimetric Value, Color Difference Value/Graph,

PASS/FAIL Result, Color Offset

**test time:**1.5S

**Errors Between Each Equipment:** $\Delta E^*ab 0.5$

**Storage:**100pcs standards 20000pcs samples

**Repeatability:**  $\Delta E^*ab 0.08$

**Weight:**400g

**Dimension:**205×67×80 mm

**Power source:**Rechargeable lithium-ion battery 3.7V@3200mAh

**Lamp Life:**5 years, more than 1.6 million measurements

**Interface:**USB

**PC Software:**CQCS3 Software

**Printer (optional):**Miniature thermal printer



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The specifications and design may be changed without notice.