

**3nh<sup>®</sup>**



## **NHG60M Small Aperture Gloss Meter**

## Introduction

NHG60M micro aperture gloss meter adopts small aperture 1.5\*2mm, with 60° angle, manufactured according to ISO2813 and GB/T 9754. It is also compatible with the standards of ASTM D523, ASTM D2457. NHG60 conforms to JJG696 first class gloss meter working requirement, corresponding with CIE 1931(2°) under CIE C light source.

NHG60M gloss meter can test material with gloss (0-1000Gu), and universally apply to paint, ink, stoving varnish, coating, wood products; marble, granite, vitrified polished tile, pottery brick and porcelain; plastic, paper; hardware industries, etc. for gloss measurement and gloss data transmission.

### Features:

1. Small aperture: 1.5\*2mm
2. 60° angle for semi gloss
3. Display 5 sets of measurement data, good for comparison
4. Measuring mode: basic measurement, statistical measurement, continuous measurement, QC measurement (only for GQC6 software).
5. Continuous mode to check uniformity over large areas
6. Connect to PC, more extend functions
7. Input gloss value manually
8. Large touch screen operation, easy to use
9. Beauty appearance, good man-machine communication interface
10. Powerful functions to meet many different requirements
11. Large storage to save over 5000 data
12. Built-in lithium ion rechargeable battery.

### Specifications:

NHG60M Micro Aperture Gloss Meter			
<b>Model</b>	NHG60M		
<b>Measure Angle</b>	60° Comply with standard ISO 2813、GB/T 9754、ASTM D 523、ASTM D 2457		
<b>Measuring Area (mm)</b>	1.5*2		
<b>Measurement Range</b>	0~1000GU		
<b>Division Value</b>	0.1GU		
<b>Measurement Range</b>	0-10GU	10-100GU	100-1000GU
<b>Repeatability</b>	± 0.1GU	± 0.2GU	± 0.2%GU
<b>Reproducibility</b>	± 0.2GU	± 0.5GU	± 0.5%GU
<b>Measurement Standard</b>	Conform with JJG696 first class gloss meter working requirement		

<b>Chromaticity Corresponding</b>	Corresponding with CIE 1931(2°) under CIE C light source
<b>Errors</b>	±1.5 , ± 1.5%
<b>Measuring Time</b>	0.5s
<b>Dimension</b>	L*W*H : 160mm*75mm*90mm
<b>Weight</b>	350g
<b>Language</b>	Chinese/English
<b>Battery</b>	3.7V,3200mAh Li-ion Battery, >10000 times(within 8 hours)
<b>Viewing Screen</b>	TFT 3.5 inch, capacitive touch screen
<b>Interface</b>	USB/RS-232
<b>Data Save</b>	Basic mode: 1000, Statistical Mode: 5000, Continuous mode : 5000
<b>Software</b>	GQC6 Quality Control Software with QC report printing functions and more extended functions.
<b>Operation Temperature</b>	0~40°C (32~104°F)
<b>Storage Temperature</b>	-20~50°C (-4~122°F)
<b>Humidity</b>	<85% relative humidity, no condensation
<b>Standard Accessories</b>	Power Adapter, USB cable, User Manual, CD (Including QC software), Calibration Plate
<b>Optional Accessories</b>	Miniature Printer
<b>Note</b>	The specifications are subject to change without notice.