

3nh[®]
Focus on Color

20° 60° 85°



NHG Series Gloss Meter **TEN FEATURES** (International Standard)

Concise Appearance, Touch Screen, Multiple Functions, Large Capacity, Stable Performance, High Precision, Input Data Manually, Display Multi-group Testing Data Simultaneously, PC software with More Extend Functions, Built-in Rechargeable Battery

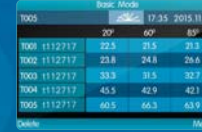
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8715 Mesa Point Terrace San Diego, CA 92154
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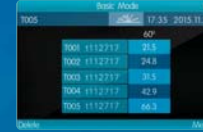
PRODUCT CHARACTERISTICS



1. Large Touch Screen



2. Triple Angles Simultaneous Measurement



3. Display Multi-group Testing Data Simultaneously



4. GQC6 Software with Powerful Extended Functions

APPLICATION



Automobile



Leather



Plastics



Marble



Paint and Ink

SPECIFICATION

Model	NHG268 Tri-Angle Intelligent Gloss Meter	NHG60 Single Angle Intelligent Gloss Meter	NHG60M Small Aperture Gloss Meter
Measuring Angle	20° 60° 85°	60°	
Standard	ISO 2813, GB/T 9754, ASTM D 523, ASTMD 2457		
Characteristics	Apply to paint, ink, coating, electroplate, plastic, electronic, printing, paper, furniture, ceramic, hardware industries, etc. for glossiness measurement and gloss data transmission. Measuring modes: basic measurement, statistical measurement, continuous measurement, QC measurement (only for GQC6 software). Display 5 sets of test data. Input glossiness value manually.		
Measuring Area (mm)	20°:10x10, 60°:9x15, 85°: 5x36	9x15	1.5x2
Measuring Range	20°:0-2000GU 60°:0-1000GU 85°:0-160GU	0-1000GU	
Division Value	0.1GU		
Range	0-10GU 10-100GU 100-2000GU	0-10GU 10-100GU 100-1000GU	
Repeatability	±0.1GU, ±0.2GU, ±0.2%GU		
Reproducibility	±0.2GU, ±0.5GU, ±0.5%GU		
Deviation	±1.2, ±1.2%		±1.5, ±1.5%
Measurement Standard	Conform with JJG696 first class gloss meter working requirement		
Chromaticity Corresponding	Corresponding with CIE 1931(2°) under CIE C light source		
Measuring Time	0.1S	0.5S	
Weight	350g		
Dimension	L*W*H=160x75x90mm		
Battery	3200mAh Li-ion Battery, > 10000 times (within 8 hours)		
Display	TFT 3.5 inch, touch screen		
Interface	USB/RS-232		
Storage	Basic Mode: 1000, Statistic Mode: 5000, Continuous Mode: 5000		
Software	GQC6 Quality Control Software with QC report printing function and more extended functions		
Operation Temperature	0~40°C (32~104°F)		
Storage temperature	-20~50°C (-4~122°F)		
Humidity	<85% relative humidity, no condensation		
Standard Accessories	Power Adapter, USB Cable, User Manual, GQC6 software CD, Calibration Plate		
Optional Accessories	Miniature Printer		
Note	The specifications are subject to change without notice.		

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3nh[®] SHENZHEN 3NH TECHNOLOGY CO.,LTD.

HG SERIES AUTO-CALIBRATION GLOSS METER



COMPANY PROFILE

Shenzhen 3nh Technology Co., Ltd., as a high-tech enterprise specialized in photoelectric detection technology and color management field, is researching, developing, producing and marketing spectrophotometer, colorimeter, gloss meter, color matching system, color assessment cabinet, ISO12233 resolution test chart, optical image testing solutions and standard illuminant etc.

PRODUCT FEATURES

1. Concise appearance, feel good.
2. Display multi-group data, convenience for data comparison.
3. Rechargeable built-in battery, cost-effective.
4. Basic mode measurement can meet basic glossiness testing requirements.
5. PC software has more extended functions.
6. Stable performance, easy to read data.
7. Three options: single angle measurement, double angle measurement and tri-angle measurement.
8. Auto-calibrating, convenient and efficient.
9. Comply with international standards.

GQC6 SOFTWARE INTRODUCTION

GQC6 software is used with 3nh gloss meter for PC connection, measurement, data management, data export, print reports, etc.



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APPLICATION

Gloss meter is widely used to test glossiness in industries of automobile, paint, ink, coating, paper, printing, leather, plastic, electronic, furniture, ceramic, electroplate, hardware, marble, etc.



Automobile Plastic Coating Marble Leather Metal Others

TECHNICAL SPECIFICATIONS

Model	HG268 Tri-angle Gloss Meter	HG60 Economic Gloss Meter	HG60S Economic Gloss Meter
Measuring Angle	20° 60° 85°	60°	
Standard	ISO 2813, GB/T 9754, ASTM D 523, ASTM D 2457		
Measuring Area (mm)	20°: 10x10, 60°: 9x5, 85°: 5x3.6	9x15	
Measuring Range	20°: 0-1000GU, 60°: 0-1000GU 85°: 0-160GU	0-300GU	0-200GU
Division Value	0.1GU		1GU
Range	0-10GU 10-100GU 100-1000G	0-10GU 10-100GU 100-300GU	0-200GU
Repeatability	±0.1GU, ±0.2GU, ±0.2%GU		±1GU
Reproducibility	±0.2GU, ±0.5GU, ±0.5%GU		±1GU
Deviation	±1.5, ±1.5%		
Measurement Standard	Conform with JJG696 first class gloss meter working requirement		
Chromaticity Corresponding	Corresponding with CIE 1931 (2°) under CIE C light source		
Measuring Time	0.1S	0.5S	
Dimension	L*W*H=160x75x90mm		
Weight	350g		
Language	Chinese/English		
Battery	3200mAh Li-ion Battery, >10000 times (within 8 hours)		
Display	TFT 3.5 inch		
Interface	USB/RS-232		
Storage	Basic Mode: 1000		/
Software	GQC6 Quality Control Software with QC report printing function and more extended functions		/
Operation Temperature	0~40°C (32~104°F)		
Storage temperature	-20~50°C (-4~122°F)		
Humidity	<85% relative humidity, no condensation		
Standard Accessories	Power Adapter, USB Cable, User Manual, GQC6 software CD (except HG60S), Calibration Plate		
Optional Accessories	Miniature Printer		



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