



YG Series Gloss Meter

YG series gloss meter is independently developed by Shenzhen 3nh Technology Co., Ltd with independent intellectual property, manufactured according to international standard ISO2813 and China standard GB/T 9754. With auto-calibration and high-end QC software, it can meet the first grade requirements of JJG696.



Tri-angle(Accurate)



USB/Bluetooth 2.1 Version



QC Data Printing



QC Software

PRODUCT FEATURES

- 1.Elegant design combined with aesthetics and ergonomics;
- 2.With auto-calibration function;
- 3.Meet the first grade requirements of JJG696;
- 4.Large storage to save over 35000 data;
- 5.Can realize auto power on & off automatically within 30s-120s;
- 6.Comply to ISO2813,ASTM523, GB/T9754;
- 7.With PC software for quality report, more extend functions;
- 8.With multi working modes and multi-functions for most customers' requirements.



APPLICATION INDUSTRY

Widely used in the filed of paints,coating,plastics,ink,rubber,printing,paper,glass,hardware,ceramic,marble etc.



Automobile



Leather



Plastic



Hardware



Marble



Paint



Others

SPECIFICATION PARAMETER

YG Series Specification Parameter		
Model: YG268 Tri-angle Gloss Meter	YG60 60°Accurate Gloss Meter	YG60S 60°Economic Gloss Meter
Measuring Angle: 20°/60°/85°	60°	
Measuring Area (mm): 20°:9X10 60°:9X15 85°:5X38	60°:9X15	
Measuring Range : 20°: 0~2000GU 60°: 0~1000GU 85°: 0~160GU	60°:0~1000GU	60°:0~200GU
Division Value: 0.1GU	1GU	
Measuring Time: 0.5s		
Repeatability: 0~100GU:±0.2GU ; 100~2000GU:±0.2%GU	0~100GU:±0.2GU 100~1000GU:±0.2GU%	0~100GU:±0.5GU 100~200GU:±0.5GU%
Accurate: Conform with JJG696 first grade requirements of gloss meter	second grade requirements of gloss meter	
Auto Power-off Time: Within 30s-120s	30s	
Long-time Calibration: Automatically check and made the calibration	/	
Language: Chinese & English		
Storage: 35000(Basic mode &Statistic mode : 1500; Continuous mode : 10000; QC mode: 10000)	/	
Display: 2.3 inch white and black screen		
Size: 160X52X84mm		
Weight: About 300g		
Power Supply: 1pc dry-cell battery(can measure 10000 times) or use USB Charge		
Interface: USB & Bluetooth 2.1 version	USB	
PC Software: GQC6 QC software can printing testing report and with more extended functions	/	
Operation Temperature Range: 0~40℃ (32~104°F)		
Storage Temperature Range: -20~50℃ (-4~122°F)		
Humidity Range: < 85% RH, without condensation		
Standard Accessories: User manual, calibration plateUSB cable, user manual, calibration plate, QC software	User manual, calibration plate	
Optional Accessories: Miniature printer		

20° 60° 85°



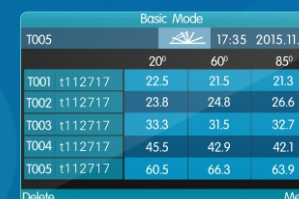
NHG Series Gloss Meter **TEN FEATURES** (International Standard)

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

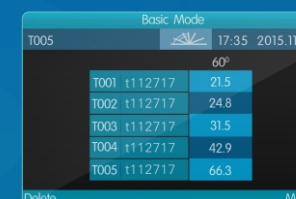
PRODUCT CHARACTERISTICS



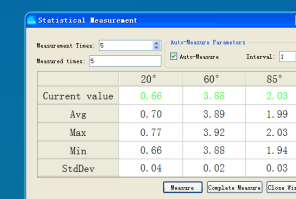
1. Large Touch Screen



2. Triple Angles Simultaneous Measurement



3. Display Multi-group Testing Data Simultaneously



4. GQC6 Software with Powerful Extended Functions

APPLICATION



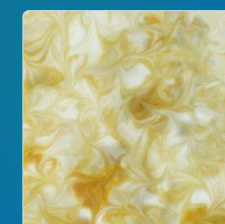
Automobile



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℃ (32~104℉)		
Storage temperature	-20~50℃ (-4~122℉)		
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.		



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.

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, ASTMD 2457		
Measuring Area (mm)	20°: 10x10, 60°: 9x5, 85°: 5x36	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 ±1GU ±1GU
Repeatability	±0.1GU, ±0.2GU, ±0.2%GU		
Reproducibility	±0.2GU, ±0.5GU, ±0.5%GU		
Deviat on	±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℃ (32~104°F)		
Storage temperature	-20~50℃ (-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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Official letter



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