

# Novo-Gloss Lite™ Glossmeter

Used in accordance with :  
 BS EN ISO 2813  
 ASTM D523  
 ASTM D2457  
 DIN 67530  
 JIS 8741



The **Novo-Gloss Trio** gloss meter is a fully featured, extremely easy to use instrument measuring the gloss of all flat surfaces.

The 60° is the reference angle and is used to measure any surface from matt to mirror finish.

To complement this the instrument also has 20° for improved measurement on high-gloss surfaces and 85° which gives improved resolution on matt surfaces.

New technology provides in excess of 15,000 readings



## Features

- Measures using the 20° geometry
- Measures using the 60° geometry
- Measures using the 85° geometry
- Simultaneous read of all 3 angles
- Simultaneous calibration of all 3 angles
- Compatible with all important international standards
- Full Statistical Analysis
- Auto-ranging, Measures Matt to Mirror Finish
- USB Output to download analyse and Store readings in Novo-Soft
- Rechargeable Power supply
- Menu driven
- Accurate and reliable
- Continuous measurements – allows a large surface to be quickly assessed for gloss variations
- Automatic calibration - Preset tile value option, for quick calibration or Manual
- Calibration possible using any standard
- Unique, calibration tile condition warning
- Gloss readings over the entire range from non-reflective matt surfaces to mirror finish
- Full traceability to National Standards
- **Extended Warranty – 2 years**
- **Light Source Warranty – for the life of the instrument**
- Download results to PC for analysis in Novo-Soft or MS Excel
- Powerful Full statistical analysis
- Internal calculation of max, min, mean, standard deviation and coefficient of variation
- Can be switched between English, French, German, Italian, Spanish and Dutch languages by the user



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## Gloss Angles and Applications

20°	High gloss surfaces such as automotive paint finish, polished metals and plastics
60°	Universal gloss measurement angle for all applications
85°	Matt surfaces such as automotive interiors, architectural paints and wood finishes
20°/60°/85°	Measure or calibrate all three angles simultaneously

## Technical Specifications

- Measurement Range : 0-1000 GU (perfect mirror finish)
- Resolution : 0.1GU
- Repeatability : 0.1%
- Reproduceability : 0.5%
- Battery life : 15,000+ readings
- Dimensions : 188 x 60 x 113 mm
- Languages : EN, FR, D, NL, ESP, IT, TK, CZ

## Order Code

<i>Part Number</i>	<i>Model</i>	<i>Description</i>	<i>Angles</i>
NGT20/60/85	Novo-Gloss Trio	Triple Angle Gloss Meter	20 / 60 / 85

## Shipping List

Each instrument is supplied with :

- a BAM Traceable Calibration Tile with Protective Case
- Calibration Tile Cleaning Kit
- Quick Start Guide
- Data cable
- Spare Light Source
- CD with Novo-Soft™ Software
- Screwdriver
- Full instruction manual in pdf format
- Instrument Carrying Case
- 5 x AAA high power batteries

## Calibration standards

Rhopoint supply a complete range of calibration tiles for all industrial applications, international standards and gloss levels. The calibration standards are manufactured from high grade optical glass that can be ground to any gloss level. A mirror calibration tile is also available that has close to 100% reflectance. The tiles can be used to calibrate Novo-Gloss, Novo-Curve or Novo-Gloss Lite instruments at a gloss level that is similar to the sample surface, this will often improve the repeatability of matt or semi-matt gloss measurements.



## Features

- All tiles are supplied with BAM traceable certificate
- ISO/ASTM/JIS or TAPPI standards are used dependent on region, industry and measurement geometry
- Improve accuracy by calibrating at the same gloss level as your sample
- Replace your standard annually to ensure the instrument remains in calibration
- Can be used as a secondary calibration check for instruments
- Full size Primary standards are available on request
- Quote the measurement geometries and instrument model when ordering

