

# Novo Gloss Meter - Non Stats

## 2 Year Guarantee

*Gloss is measured by directing a constant power light beam at an angle to the test surface and monitoring the reflected light. Different surfaces require different reflective angles. Rhopoint gloss meters cover the range necessary to measure any surface from mirror to matt, providing a quantitative value to gloss measurement*

*Increasingly specifications and standards require a physical assessment of gloss. Gloss measurement is necessary to monitor the uniformity, compatibility or possibly the deterioration of any protective gloss finish.*

### MAJOR USERS of Rhopoint Gloss Instrumentation :

**Plascon, Dulux, Swartklip, Most Major Motor Assemblers, Columbus Steel, SA Mint, SA Litho, Powderlak, Labelling Consultants etc**

### Unique Features

- **NOVO-GLOSS™** provides accurate gloss measurement from matt to mirror finish.

### Applications

Areas of use include:-

- **Painted Surfaces** - Initial Appearance and Ageing
- **High Gloss Paints** - QC in Automobile Manufacture
- **Reflectance / Reflectometer** : Fading, Chalking & Shade
- **Plastics** - Quality of Moulding
- **Blasted Surfaces** – Oxidation & Cleanliness
- **Decorative Stonework** - Polished Marble and Granite
- **Waxes And Polishes** - Cars and Tiled Floors
- **Furniture** - Natural Wood Finish and Varnishing
- **Metals** - Plated or Grain Finish
- **Paper** - Roughness and Quality
- **Ceramics** - Tiles, Bathroom Furniture, Etc.
- **Food Processing** - Cheeses, Glazes, Etc.
- **Cosmetics** - Lip-Gloss, Nail Varnish, Etc.
- **Textiles** - Camouflage Matt to Shiny Silk



### Specifications

Units Available :	Single Angle Units	Dual Angle Units	Triple Angle Units
Geometry :	20°, 60° or 85°	20° and 60°	20°, 60° and 85°
Dimensions :	150 x 50 x 110 mm	150 x 50 x 110 mm	180 x 50 x 110 mm
Weight :	0.9 kg	1.1 kg	1.2 kg
Power :	Rechargeable batteries and mains adapter		
Packing List :	Glossmeter, battery charging unit, BAM traceable certified calibration standards, cleaning kit, spare lamp, instructions all in a protective case		
Accuracy :	±0.5 GU*		
Range :	0 - 199.9 GU		
Repeatability :	±0.5 GU *		

\* This is subject to the uncertainty in the BAM calibration standards, and is applicable to all gloss meter manufacturers



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**NOVO-GLOSS™** Single angle NG75 model with simple thumbwheel calibration. The 75° angle is ideal for paper.

### Choosing your NOVO-GLOSS™

Use the table below to help in the selection of the instrument most suitable to your needs

Type	Angle(s)	Example Applications	Operating Standards	Statistical	Non-Statistical
Single Angle	20°	High gloss paint (cars), plastics, varnish and polished metals	<b>ISO 2813</b> <b>ASTM D523</b> <b>BS 3900 D5</b>	<b>NG20/S</b>	<b>NG20</b>
	60°	Universal for paints, metal, anodised Al, plastics and varnish	<b>DIN 67530</b> <b>JIS Z 8741</b>	<b>NG60/S</b>	<b>NG60</b>
	85°	Matt paint and surfaces in aviation, military, furniture and automobile interiors	TAPPI T653 (20°)	<b>NG85/S</b>	<b>NG85</b>
	45°	Anodised Al, ceramics, china and textiles	<b>BS 6161 Pt 12</b> <b>JIS Z 8741</b> ASTM C346	<b>NG45/S</b>	<b>NG45</b>
	75°	Paper, card and foil	<b>TAPPI T480, JIS Z 8741</b>	<b>NG75/S</b>	<b>NG75</b>
Dual Angle	20° & 60°	Dual and triple angle instruments are suitable for use in each of the applications relevant to the corresponding single angles	Dual and triple angle instruments are supplied conforming to all the standards for the respective angles highlighted in <b>bold</b> above	<b>NG20/60/S</b>	<b>NG20/60</b>
Triple Angle	20°, 60° & 75°			<b>NG20/60/75/S</b>	<b>NG20/60/75</b>
	20°, 60° & 85°			<b>NG20/60/85/S</b>	<b>NG20/60/85</b>

Instruments may be configured to measure according to any of the Standards listed for each angle. If none is specified, the default Standards (in bold) are used. Mixing of standards on multi-angle instruments is possible.

Non-Statistical gloss meters without memory, statistical functions and interface facilities are available if required. Gloss measuring range for these instruments is 0 - 199.9 GU.

Please note that some Standards, such as ISO 2813 and BS 3900 05, are identical.

### Accessories

All instruments are supplied in protective case with certified BAM traceable calibration standards, battery charger/mains adapter, cleaning kit and spare lamp.

### Also Available :

- Gloss Checkers for use on Curved Surfaces
- Whiteness / Brightness Meters
- Hiding Power Meters
- Wet Film Opacity : Efficient Use of Titanium Dioxide in Paints; Optimisation of Extender Formulation; Pigment Dispersion & Flocculation Experiments
- Thin Film Analyser
- Minimum Film Forming Temperature Bars for Emulsions, Polymers & Adhesives



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