

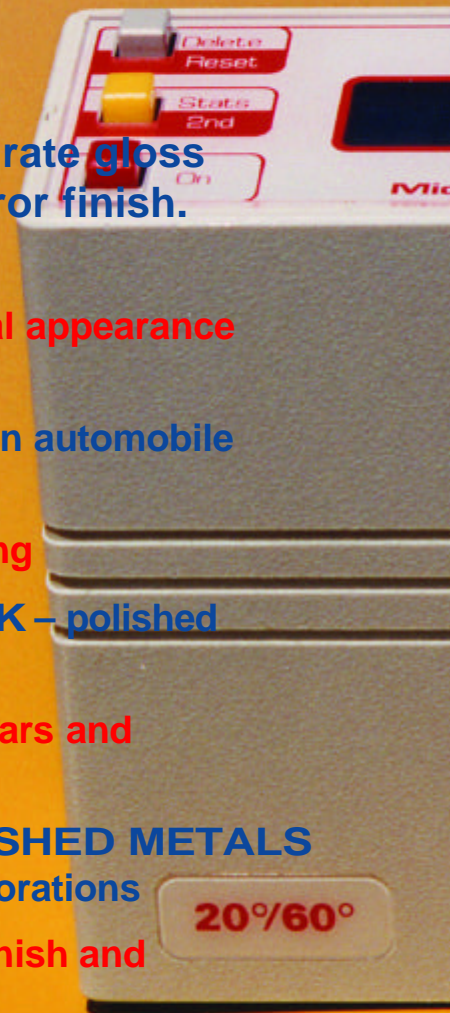
RHOPPOINT™ STATISTICAL NOVO-GLOSS™

Applications

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

Areas of use include:

- **PAINTED SURFACES** – initial appearance and ageing
- **HIGH GLOSS PAINTS** – QC in automobile manufacture
- **PLASTICS** – quality of moulding
- **DECORATIVE STONEWORK** – polished marble and granite
- **WAXES AND POLISHES** – cars and tiled floors
- **MIRROR FINISH AND POLISHED METALS** – chromework and lobby decorations
- **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



GLOSSMETERS

Features

Only **NOVO-GLOSS™** has these unique advantages:

- Continuous readings for variable surfaces – holding the read button allows continual measurements. Simultaneously moving the instrument over an irregular finish allows rapid assessment of average gloss over a large surface area.
- Calibration possible using any standard – user is not restricted to using the standards supplied.
- Auto-ranging from 0-1000 Gloss Units at 60° – allows gloss readings over the entire range from non-reflective surfaces to mirror finish.

NOVO-GLOSS™

also provides:

- Down loading of data into a PC to give batch gloss profiles
- Permanent memory storage of up to 999 readings
- Internal calculation of max., min., mean and coefficient of variation
- Display available in English, Français, Deutsch, Italiano or Español

Technical Details

Gloss is determined by comparing reflected light intensity from a test surface with that from a standard surface. Angle of measurement chosen is dependent on the type of surface measured. Lamps are long life tungsten halogen, closely conforming to CIE illuminant C. Technical advantages include:

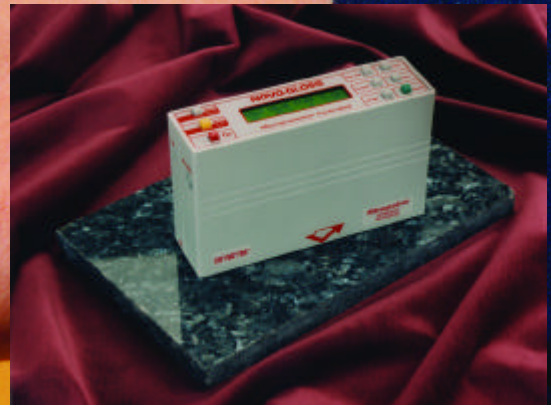
- Durability & stability achieved through solid optical block arrangement
- Repeatability achieved using patented auto-stabilisation circuitry
- Minimised down time through field serviceable design





NOVO-GLOSS™

Triple angle NG20/60/85/S model with full statistical functions – any finish from matt to high gloss, such as marble.



NOVO-GLOSS™

Single angle NG75 model with simple thumbwheel calibration. The 75° angle is ideal for paper.



Software

Supplied with **NOVO-SOFT™** a Windows based software package which copies stored data to your PC. You can use the program for full statistical analysis, graphing and permanent data storage. Data can also be exported to spread sheet packages such as Excel or Lotus.



NOVO-GLOSS™

Single angle NG60/S statistical model. The 60° angle is universally applicable, for example, in the furniture industry.



Choosing your **NOVO-GLOSS™**

Use the table below, or contact Rhopoint Instrumentation Ltd or one of our representatives who will be pleased to help in the selection of the instrument most suitable for your needs.

Type	ANGLE(S)	Example Applications	Operating Standards	ORDER CODE	
				STATISTICAL	NON-STATISTICAL
SINGLE ANGLE	20°	High gloss paint (cars), plastics, varnish and polished metals	ISO 2813, ASTMD523,	NG20/S	NG20
	60°	Universal for paints, metal, anodised Al, plastics and varnish	DIN 67530,	NG60/S	NG60
	85°	Matt paint and surfaces in aviation, military, furniture and automobile interiors	JIS Z 8741 TAPPI T653 (20°C only)	NG85/S	NG85
	45°	Anodised Al, ceramics, china and textiles	BS 6161 Pt12, JIS Z 8741, ASTM C346	NG45/S	NG45
	75°	Paper, card and foil	TAPPI T480, JIS Z 8741	NG75/S	NG75
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 red above	NG20/60/S	NG20/60
TRIPLE ANGLE	20°,60°&75°			NG20/60/75/S	NG20/60/75
	20°,60°&85°			NG20/60/85/S	NG20/60/85

Each instrument is supplied conforming to all the standards highlighted in red for the respective angles ordered. Instruments conforming to standards highlighted in green can be supplied to special order.

Order Information

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

Instrument operating language can be altered by the user, but is initially set to the language most relevant to the country of supply, unless otherwise specified.

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

Specifications

Weight: 0.9 kg

Dimensions (l x w x h): 150 x 50 x 110 mm (single/dual angle)
180 x 50 x 110 mm (triple angle)

Power: Rechargeable batteries and mains adapter

Range	Repeatability	Reproducibility
0 - 99.9GU	0.2GU	0.5GU
100 - 2000 GU	0.2%	0.5%

Accessories

All instruments are supplied in protective case with certified BAM traceable calibration standards, battery charger/mains adapter, RS232 cable, cleaning kit and spare lamp.

RHOPOINT INSTRUMENTATION LTD reserve the right to modify specifications without prior notice, due to continuous development.

RHOPOINT™ also manufacture gloss checkers for use on curved surfaces; whiteness/brightness meters; hiding power meters; and a range of equipment for physical testing of coatings. For further information on any of our instruments please contact us.

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