

GLOSSMETER STATISTICAL NOVO-GLOSS 20°/60°/75°



FEATURES

- Measures using the 20° geometry
- Measures using the 60° geometry
- Measures using the 75° geometry
- Full Statistical Analysis
- Constant Read Feature
- Memory stores up to 999 readings per angle
- Auto-ranging, Measures Matt to Mirror Finish
- Download analyze and Store readings in Novo-Soft
- Rechargeable Power supply
- Extended two year warranty
- Accurate and reliable
- Calibrate to any standard
- User Serviceable light source

The **Novo-Gloss 20/60/75°S** gloss meter is a fully featured instrument measuring the gloss of surfaces. The 60° angle is the reference angle and can be used to measure any surface from matt to mirror finish. To complement this the instrument also has 20° angle for improved measurement on high-gloss surfaces and 75° which gives improved resolution on matt surfaces. With built in statistical analysis, memory and the ability to download results to a PC the instrument has all the features you will ever need for fast accurate gloss measurement.

The 60° can be used for measuring printed substrates, the 20° gives improved resolution on high-gloss coating and foil boards. The 75° TAPPI is the standard measurement angle for gloss in the paper industry.

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.

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

STANDARDS

- * DIN EN ISO 2813, * DIN67530
- * ASTM D523, * ASTM D2457
- * JIS Z 8741, * TAPPI T480

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.

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
- 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
- DECORATIVE STONWORK – polished marble and granite
- MIRROR FINISH AND POLISHED METALS – chromework and lobby decorations

GLOSSMETER

SPECIFICATIONS

Model (part number) 68-13-00, 68-13-00-0002

Machine Requirements

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.

Power Rechargeable batteries and mains adapter

Connections RS232C serial output

Internal languages Display available in English, Français, Deutsch, Italiano or Español

Physical Specifications

L x W x H 180 x 50 x 110 mm (7 x 2 x 4 in)

Weight 0.9 kg (2 lbs)



▲ Triple angle NG20/60/85/S model with full statistical functions – any finish from matt to high gloss

Type	Angle(s)	Example Applications	Operating Standards	Model/Order Number
Single Angle	20°	High gloss paint (cars), plastics, varnish and polished metals	ISO 2813	NG20/Statistical
	60°	Universal for paints, metal, anodised Al, plastics and varnish	ASTMD523 DIN 67530	NG60/Statistical
	85°	Matt paint and surfaces in aviation, military, furniture and automobile interiors	JIS Z 8741 TAPPI T653 (20°C only)	NG45/Statistical
	45°	Anodized ceramics, china and textiles	BS 6161 Pt12, JIS Z 8741, ASTM C346	NG20/Statistical
	75°	Paper, card and foil	TAPPI T480, JIS Z 8741	Available only in Triple Angle
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
Triple Angle	20°/60°/75°			NG20/60/75/S
	20°/60°/85°			NG20/60/85/S

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