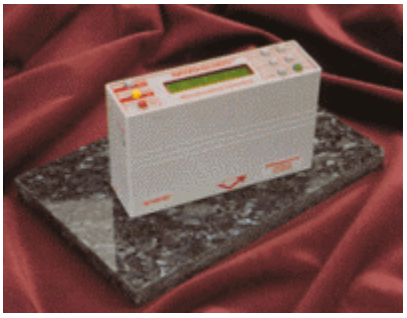
QPC Instruments Inc.
Serving the Coatings Industry Since 1983

Applications

Areas of use include:
PAINTED SURFACES - initial appearance and aging
HIGH GLOSS PAINTS -QC in automobile manufacture
PLASTICS - quality of molding
DECORATIVE STONEWORK - polished marble and granite
WAXES AND POLISHES - cars and tiled floors
MIRROR FINISH AND POLISHED METALS – chrome work 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, gazes, etc.
COSMETICS - lip-gloss, nail varnish, etc.
TEXTILES - camouflage matte to shiny silk

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-stabilization circuitry
Minimized down time through field serviceable design



NOVO-GLOSS™ Triple angle NG20/60/85/S model with full statistical functions - any finish from matte to high gloss, such as marble.

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

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

SOFTWARE

PC software able to receive **NOVO-GLOSS™** data is supplied (on 3½" diskette). Functions include full statistical analysis, graphing and automatic report production. Data can be exported to spreadsheet packages, such as Excel or Lotus.

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. 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.

The gloss meters are amongst the most technologically advanced in the world, with a patented stabilization circuit and specially designed models for accurately measuring curved surfaces.

Specifications

Weight :	**0.9 kg**
Dimensions 150 x 50 x 110 mm (single/dual angle) (l x w x h) :	**180 x 50 x 110 mm (triple angle)**
Power :	**Rechargeable batteries and mains adapter**
Accuracy :	**±0.5 GU***
Repeatability :	**±0.5 GU ***

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

Accessories

All instruments are supplied in protective case with certified BAM traceable calibration standards, battery charger/mains adapter, RS 232 cable, cleaning kit and spare lamp.

Choosing your NOVO-GLOSS™

Use the selection chart below or if you would like, one of our representatives will be pleased to help in the selection of the instrument most suitable for your needs.

				ORDER CODE	
Type	ANGLE(S)	Example Applications	Operating Standards	STATISTICAL	NON-STATISTICAL
Single Angle	20°	High gloss paint (cars), plastics, varnish and polished metals.	ISO 2813 ASTM D523 BS 3900 D5 DIN 67530 JIS Z 8741 TAPPI T653 (20° only)	130-NG20/S	130-NG20
	60°	Universal for paints, metal, anodized Al, plastics and varnish.		130-NG60/S	130-NG60
	85°	Matt paint and surfaces in aviation, military, furniture, and automobile interiors.		130-NG85/S	130-NG85
	45°	Anodized Al, ceramics, china and textiles	BS 6161 Pt 12 JIS Z 8741 ASTM C346	130-NG45/S	130-NG45
	75°	Paper, card, & foil	TAPPI T480, JIS Z 8741	130-NG75S	130-NG75
Dual Angle	20° & 60°	Dual and triple angle instruments are suitable for use in each of the applications revenant 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.	130-NG20/60/S	130-NG20/60
Triple Angle	20°, 60° &75°			130-NG20/60/75/S	130-20/60/75
	20°,60° & 85°			130-NG20/60/85/S	130-20/60/85

Each instrument is supplied conforming to all the standards highlighted in red for the respective angles ordered.
Instruments conforming to the standards highlighted in green can be supplied to special order.
If none is specified, the default standards (shown in red) are used. Mixing of standards on multi-angle instruments is
possible. Please note that some standards, such as ISO 2813 and BS 3900 D5, are identical.

Distributed in Canada by:

QPC Instruments Inc.