



TQC Sheen Glossmeters

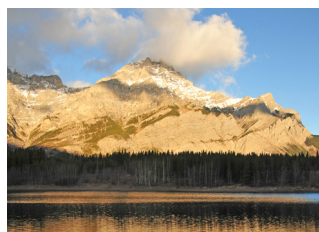
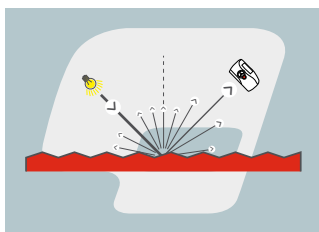
In an economy where production efficiency is key there is no room for errors. Quality has to be perfect, as consumers tend to be more demanding than ever and will accept nothing less than perfection. In addition, production is moving all over the planet. Traditional high performance products are now often manufactured in less traditional countries in order to retain competitive production costs. To safeguard the quality, high-end inspection instruments are crucial to maintain consumer confidence.

The TQC Sheen Glossmeters allow users to accurately, and quickly measure gloss levels on any flat surface. Whether it be paper, paint, plastic, wood or any other material. No special training or skills are required. Just place the gauge, press the scan button and read the values. Template options can also provide the flexibility for use with curved surfaces or small test areas.

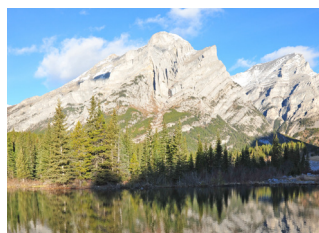
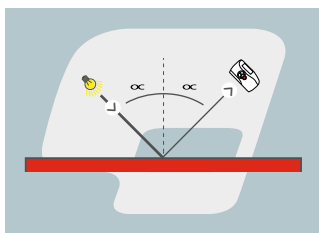
Features:

- Optical stability
- LED light source
- LCD display, extremely high visibility and contrast
- Ergonomic shape for both right- and left handed users
- USB port
- Integrated calibration
- Menu driven operation

Diffusely scattered



Directly reflected



Products:

GL0010	TQC Sheen SoloGloss 60°
GL0030	TQC Sheen PolyGloss 20°/60°/85°

Operational:

Calibration standard:	Integrated tile in cradle
Display:	LCD color
Light source:	Low drift LED light source
Power source:	2x AA alkaline batteries
Batches:	Max 10
Readings per batch:	Max 10.000, independent of number of angles
Total max Readings:	100.000 readings with time stamp
Scan function:	Yes
Statistics:	Min. / Max. / Avg. / Std.dev / number of measurements
Security:	Password protection
Software:	TQC Sheen Ideal Finish Analysis

Dimensions:

Size (h x w x d):	94 x 145 x 45 mm 3,5 x 5,6 x 1,7 in
Weight:	398 g / 13,7 oz

Measurement:

Base dimensions:	45 x 130 mm / 1,7 x 5,1 in
Orifice size:	10 x 50 mm / 0,4 x 2,0 in
Spot size:	≈ 5 x 5 mm / 0,2 x 0,2 in @ 20° ≈ 20 x 9 mm / 0,8 x 0,35 in @ 60° ≈ 40 x 9 mm / 1,5 x 0,35 in @ 85°
Measurement speed:	60 measurements per minute 1 single or 3 angles consecutively
Power saver option:	User selectable
Units:	Gloss Units (GU)
Resolutions:	0,1 GU (0-100 GU) 1 GU (>100 GU)



SoloGloss®

The SoloGloss is the preferred gloss meter for measurements in the semi-gloss range. Light source and detector are positioned under an angle of 60° of the surface to be measured. Making it suitable for most applications.



PolyGloss®

The top of the range is the triple angle PolyGloss. Besides a 60° measuring angle the PolyGloss is also offers 20° and 85° measuring angles thus covering the entire gloss spectrum. The 85° specifically is for low gloss levels (high diffuse reflection) or mat surfaces.

(Depending on the model the instrument can be set to measure and display just one or several measurement angles simultaneously)

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

	20°	60°	85°
Range	0-2000 GU	0-1000 GU	0-2000 GU
Repeatability r*	0,4 GU	0,2 GU	0,2 GU
Reproducibility R*	1,7 GU	1,6 GU	1,9 GU
Bias*	1,2 GU	0,6 GU	1,6 GU

*Acc. ISO 2813 (range 0-100 GU)

Standards

ISO 2813; ASTM D523; ASTM D2457; ASTM C584; AS 1580 (602.2); BS 3900 D5; DIN 67530; JIS Z 8741; ISO 7668; MFT 30064 (except 45° angle)

Scope Of Supply

TQC Sheen Glossmeter:

- 2 AA type batteries
- Plastic carrying case
- Screwdriver for battery compartment
- TQC Sheen Ideal Finish Analysis
- software is downloadable
- Micro fibre cleaning towel
- USB cable
- Calibration certificate