

Whatever surface finish you wish to measure - you can rely on the Microgloss to give you accurate results every time.

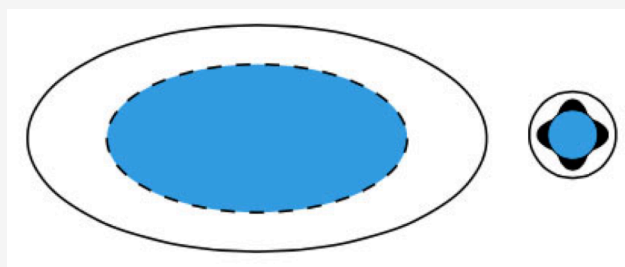
This Small Orifice 60° Glossmeter is specially designed for measurement of small areas. This feature is of particular interest to packaging, metal finishing, automotive, plastics, or other products with particular shape or size, which are difficult to measure with gloss meters equipped with a standard size orifice.

Key features

- Two versions available: for normal surfaces SH155/SO, or mirror gloss surfaces SH155/SO/M
- Measurement area: 2 x 2 mm
- Automatic calibration on standard supplied
- Statistics: latest reading, number of readings, max., min., average, standard deviation
- Batch facility
- Memory: 4000 readings
- RS232 output (3-pin DIN socket) to printer or PC
- Powered by mains/built-in rechargeable battery
- Internal lithium battery, storage of calibration data and readings up to 10 years
- Up to 4000 readings are stored in memory
- Lamp life is extended as it is only illuminated for a second whilst a reading is taken.
- Alignment guides are available at time of order for locating test samples
- RS232 output facility is provided to download information to either printer or computer in ASCII format
- English/French language is standard
- An optional remote footswitch is available to facilitate glossmeter operation if sampling requires both hands free for test piece manoeuvring
- Batch facility
- Mains supply voltage – 110/220V 50/60 Hz



Measuring area



Standard 60° Glossmeter vs Microgloss SH155/SO

Solid line shows orifice area. Broken line shows illuminated area.

Appearance: Gloss: **Microgloss Small Orifice Glossmeter (SH155/SO)**

Standards

Note: Glossmeter Models: SH155/60/SO, SH155/SO/M. These Meters have smaller orifices than those stated in the International Standards, they are intended to measure over a much smaller areas, offering greater sensitivity, the gloss readings are regarded as a comparative.

Standard delivery

- Instrument, calibration standard, charger, carrying case.

Specifications

Function	Microgloss SH155/SO
Measurement geometry	60°
Range	0.1 – 100 gloss units (0.1 gloss unit resolution)
Accuracy	± 1 gloss unit (against master reference)
Repeatability	Better than ± 0.5 gloss unit (10 readings on reference standard)
Charger Voltage	110V/220V 50/60Hz
Dimensions	190 mm x 130 mm x 50 mm
weight	1 Kg Net. / 3 Kg gross packed
Operating temperature range	0 – 40°
	Microgloss SH155/SO/M
	Specification as above except Range 0.1 – 1000 gloss units (0.1 gloss unit resolution 0 – 100 GU range) (1 gloss unit resolution (100 – 1000 GU range)

Ordering information

Product Ref	Description
SH155/SO	Microgloss 60° Small Orifice Glossmeter
SH155/SO/M	Microgloss 60° Small Orifice Glossmeter - Mirror Surfaces (0-999 GU)

Owing to continuous development, we reserve the right to introduce improvements and modify specifications without prior notice.

**Our sales team can be contacted on:
info@sheeninstruments.com or +44 (0)208 783 4321**