

In compliance with:

Standards

ISO	2813, 7668
ASTM	D 523, D 2457
DIN	67530
JIS	Z 8741



Ordering Information

Cat. No.	Description
4560	micro-gloss 20°
4561	micro-gloss 60°
4562	micro-gloss 85°
4563	micro-TRI-gloss
4564	micro-TRI-gloss μ
4565	micro-gloss 60° S
4566	micro-TRI-gloss S
4567	micro-gloss 45°
4568	micro-gloss 75°
4569	micro-gloss 60° XS
4570	micro-gloss 60° XS-S
4573	micro-gloss 60° robotic
4576	micro-gloss 60° S robotic

Comes complete with:

Glossmeter
Holder with integrated calibration tile
Traceable certificate
USB-cable, Battery
Operating manual
Carrying case
Software for download:
smart-lab Gloss or smart-process Gloss with 2 licenses

Note: After software download both software packages can be used for 30 days free trial. Thereafter, the user needs to decide and register for one software package.

System Requirements:

Operating system: Windows® 7 SP1, 8.1 or 10
Microsoft® .NET Framework 4.5.2
Hardware: Core 2 Duo, 2.5 GHz, i7 recommended or equivalent
Memory: 4 GB RAM, 8 GB recommended
Hard-disc capacity: 2 GB during installation
Monitor resolution: 1280 x 1024 pixel or higher
Interface: free USB-port

Technical Specifications

Geometry	Application	Measuring Area
20°	high gloss	10 x 10 mm (0.4 x 0.4 in)
60°	semi gloss	9 x 15 mm (0.35 x 0.6 in)
85°	low gloss	5 x 38 mm (0.2 x 1.5 in)
20°, 60°, 85°	universal	see single angle
20°, 60°, 85°	universal	see single angle
60°	semi gloss	9 x 15 mm (0.35 x 0.6 in)
20°, 60°, 85°	universal	see single angle
45°	Ceramic, Plastic, Film	9 x 13 mm (0.35 x 0.5 in)
75°	Paper, Vinyl Siding	7 x 24 mm (0.3 x 0.95 in)
60°	semi gloss	2 x 4 mm (0.08 x 0.16 in)
60°	semi gloss	2 x 4 mm (0.08 x 0.16 in)
60°	semi gloss	9 x 15 mm (0.35 x 0.6 in)
60°	semi gloss	9 x 15 mm (0.35 x 0.6 in)
Measurement range¹	0 - 100 GU	100 - 2000 GU
Repeatability²	± 0.2 GU	± 0.2 %
Reproducibility²	± 0.5 GU	± 0.5 %
Spectral sensitivity	CIE standard observer for illuminant CIE-C	
Measuring time	0.5 seconds / geometry	
Thickness:		
Substrate	Fe: magnetic, NFe: non-magnetic	
Measurement Range	0 - 500 μm (0 - 20 mils)	
Accuracy	± (1.5 μm + 2% of measured value)	
Memory	999 readings with date and time	
Interface	USB	
Power supply	one 1.5V AA Alkaline Battery 4,000 readings or via USB-port	
Dimensions	155 x 73 x 48 mm (6.1 x 2.9 x 1.9 in)	
Weight	0.4 kg (0.9 lbs)	
Operating temperature	15 - 40 °C (60 - 104 °F)	
Relative humidity	up to 85 %, non-condensing	

¹ for 45° and 75° glossmeters see previous pages

² for S-Type glossmeters see previous page



Ordering Information

Cat. No.	Description
4405	USB-Cable micro-gloss family
4866	Software smart-lab Gloss
4867	Software smart-process Gloss

Note: smart-chart license fee for more than two installations is quantity dependent. Please contact your local BYK-Gardner representative.

Accessories

For data transfer from the glossmeter to a PC, USB-A
Software for professional analysis and documentation in the laboratory
Process QC Software for analysis of multi-component products

Export / Import	Standards (.xml format) Organizer (.xml format)
Languages	English, German, French, Italian, Spanish, Chinese, Japanese