

haze-gloss

The Reference Instrument for any Application

The hazemeter was designed for the needs in the laboratory. Gloss, haze and mirror reflection can all be measured with one instrument for low to high gloss surfaces.

Gloss 20°, 60°, 85° and haze

- Mirror reflection for materials with very high reflection capabilities, such as metals
- Reference beam, closed optics and self diagnosis guarantee accurate quality control
- Statistics with average, min/max and standard deviation
- Large storage capacity and data transfer from the hazemeter to a PC prepare you for ISO 9000

Quick Measurement of many Samples

- Foot switch and automatic measurement for fast sampling
Illuminated target facilitates sample positioning
- Ready for measurement without warm-up time
- Long-term calibration and menu guided operation – simple and secure
- Operation in English, German, French, Spanish, and Italian – switchable

Standards

ISO	2813, 13803
ASTM	D 523, D 2457, E 430
DIN	67530

Ordering Information

Cat. No.	Description
4601	haze-gloss

Comes complete with:

Hazemeter
High gloss and haze standard incl. certificate
easy-link software
Interface cable
Foot switch
Power cord
Operating manual

Extended Warranty: see pages about Technical Service

Free 1x preventive maintenance service during warranty period



Technical Specifications

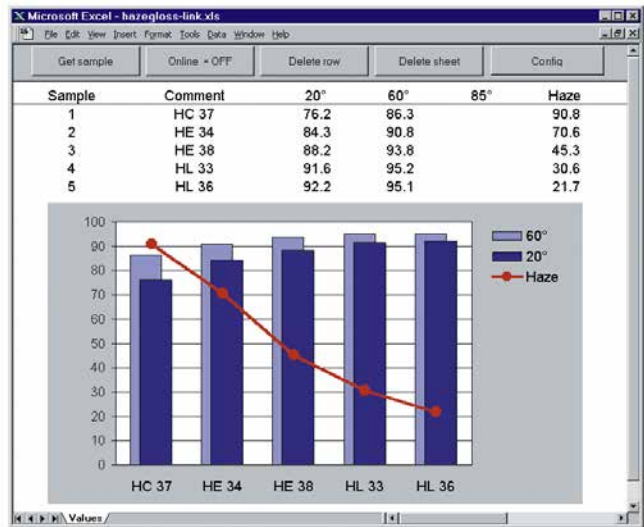
Gloss	
Measurement Range	0 – 2000 GU ¹
Repeatability	0.2 GU ²
Reproducibility	0.5 GU ²
Haze	
Measurement Range	10 – 2500 HU ³
Repeatability	1 HU*
Reproducibility	7 HU*
Measuring Area	20°: 15 x 15 mm (0.6 x 0.6 in) 60°: 15 x 27 mm (0.6 x 1.0 in) 85°: 8 x 60 mm (0.3 x 2.4 in)
Memory	9 x 600 values
Interface	serial RS 232
Power Supply	115 / 230 V, 50 / 60 Hz, requirement 50 VA
Dimensions	33 x 52 x 40 cm (13 x 20.5 x 15.7 in)
Weight	14.3 kg (31.5 lbs)

¹ Gloss Units, ² 0 – 100 GU, ³ Haze Units (Hlog),

* measured on high gloss standard

Documentation of Measurement Data

The program easy-link allows quick data transfer from the hazemeter to Excel® for further analysis and professional documentation.



Ordering Information

Cat. No.	Description
4616	Checking standard 20°, for 4601
4617	Checking standard 60°, for 4601
4618	Checking standard 85°, for 4601
4624	Mirror Gloss Standard, for 4601
4614	High Gloss Standard haze-gloss
4615	Haze Standard haze-gloss
4623	Sample Table
4626	USB-cable haze-gloss
4545	BYKWARE easy-link

Accessories

Black glass, semi gloss for checking purposes, certificate included
Black glass, semi gloss for checking purposes, certificate included
Black glass, semi gloss for checking purposes, certificate included
High gloss, polished mirror, for 20°, 60°, 85°, certificate included
Replacement calibration standard gloss, certificate included
Replacement calibration standard haze, certificate included
Larger platform for sample support table, 28 x 15 cm (11 x 6 in)
For data transfer from hazemeter to a PC
Software for direct data transfer and documentation in Excel®

Certified Please refer to section Preventive Maintenance.

