

Elcometer 6015 Novo-Gloss/Q™ DOI Haze Meter



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At a glance:

- With a single button press, measure:
 - Gloss at 20° / 60°
 - Haze
 - Distinctness of Image

Can be used in accordance with:

AS/NZS 1580.602.2
 ASTM C584
 ASTM D1455
 ASTM D2457
 ASTM D523
 ASTM E430-B
 ASTM D4039¹
 ASTM D5767
 DIN 67530
 ECCA T2
 EN 12373-11
 EN 13523-2
 ISO 2813
 ISO 7668
 JIS Z 8741
 TAPPI T653

¹ Haze Index to ASTM D4039 can be calculated

The Elcometer 6015 is a dual angle instrument characterising surfaces at both 20° and 60°, giving it superb resolution and the flexibility to measure any surface from matt to mirror finish.

Measuring the complex interaction of a surface with light, the Elcometer 6015 calculates:

- **Gloss:** Measuring more accurately and giving more repeatable results than traditional gloss meters, the Elcometer 6015 compensates for curvature or positioning errors.
- **Haze:** Micro-structures within the coating can cause the surface to be perceived as being of a lower quality. Whereas this characteristic is undetectable with a traditional gloss meter, a haze meter quantifies this numerically.
- **Distinctness of Image (DOI):** In some conditions, traditional gloss meters quantify visibly different surfaces with the same gloss value. When these surfaces are measured using a DOI gauge, an accurate “fingerprint” of the surface is generated. DOI identifies the effect of gloss, haze, polishing marks and ‘orange peel’ on a coating.
- **Peak Specular Reflectance:** Provides a value of reflectance independent of curvature, positioning of sample, haze or DOI.
- **Goniophotometric Profile:** This graphical ‘fingerprint’ records subtle variations in the quality of a surface by measuring the intensity of light reflected over a range of angles.

Appearance

Appearance measurement is a way of putting numbers to characteristics of surfaces that we see. The ability to independently quantify appearance allows for products to be similar whenever and wherever the product is manufactured or coated.

Elcometer provide a comprehensive range of hand held instruments to measure most of the individual characteristics that generate the overall appearance of a material or coating.

TECHNICAL SPECIFICATION				
	GLOSS	HAZE	DOI	GONIO-PHOTOMETRIC
Angle	20°, 60°	20°, 60°	20°, 60°	14-26°, 54-66°
Resolution	0.1GU	0.1HU	0.1%	0.1%
Repeatability	0.2GU	0.1HU	0.2%	0.2%
Reproducibility	0.5GU	0.2HU	0.2%	0.5%
Weight & Dimensions	725g (25.6oz); 123 x 185 x 65mm (4.8 x 7.3 x 2.6")			
Power Supply	4 x LR6 (AA) Batteries			
Part Number	K6015M001 Elcometer 6015 Novo-Gloss/Q™ DOI Haze Meter			
Packing List	Elcometer 6015 Novo-Gloss/Q™ DOI Haze Meter, 4 x LR6 (AA) batteries, integrated BAM traceable high gloss calibration standard, additional BAM traceable mirror finish standard, USB data cable, Novo-Soft IQ Software CD, screwdriver, protective carry case and operating instructions.			

SPARES & ACCESSORIES	
Certified High Gloss Calibration Standard	KT006015P001
Certified Mirror Finish Calibration Standard	KT006015P002

Related Products



Elcometer 406L

Elcometer 406L Statistical Mini Glossmeter

Available in two models; 60° and Dual Angle 20° / 60°, the Elcometer 406L covers the range necessary to measure any surface from high gloss to matt.



Elcometer 407

Elcometer 407 Triple Angle Statistical Glossmeter

The Elcometer 407 measures gloss at three angles of reflection; 20°, 60° and 85° and uses the internal memory to store readings.



Elcometer 6014

Elcometer 6014 Shade & Opacity Meter:

A low-cost dual function reflectometer for measuring shade and opacity using 45° / 0° geometry.

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