

DOI



## Elcometer 408

## Triple Angle Gloss & DOI Meter

### STANDARDS:

ASTM D523, ASTM D2457,  
ASTM E430, ASTM D5767,  
DIN 67530, DIN EN ISO 2813,  
JIS Z 8741, ISO 7668

The Elcometer 408 provides the very latest in gloss measurement technology, providing accurate gloss, haze and distinctiveness of image (DOI) analysis in a single reading.

Press button once to measure all parameters; gloss, haze, DOI, Rspec & RIQ

Display and download Goniophotometric profiles

USB or Bluetooth® data output

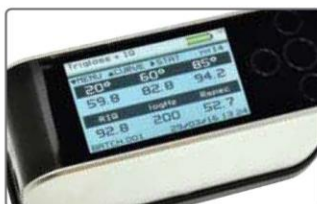
Stores up to 999 readings with full goniophotometric profiles in user definable batches

Integrated calibration tile for fully automatic error-free calibration

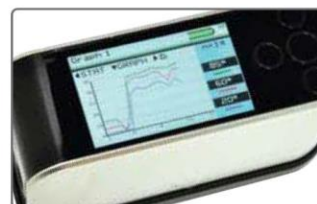
On screen statistics with trend & measurement graphs



Easy to read large colour screen with adjustable brightness



Fast and simultaneous measurement of all parameters



On screen graph highlights trends in the measured batch

## Triple Angle Gloss &amp; DOI Meter

## Elcometer 408

## Product Features

Easy to use menu structure	English, Spanish, French, Italian, German, Chinese
Bright colour screen; <i>with permanent back light</i>	Adjustable brightness, 6 button touch sensitive interface
User definable measurement display	■
Scratch & solvent resistant display	■
USB power supply	■
Calibration certificate	■
Data output	■
USB; <i>to PC</i>	■
Bluetooth®: <i>to PC or Android™ mobile device*</i>	■
On screen statistics	$\bar{x}$ , $\sigma$ , maximum & minimum value
USB cable	■
Date and time stamp	■
Gauge memory; <i>number of readings</i>	up to 999 readings & curves
Repeat measurement mode	user definable: 2, 5 or 10 seconds
Delete last reading	■
Standard & fixed batch sizes	■
Trend, gloss & image graphs	■
Measurement modes	Gloss (GU): 20°, 60°, 85°; Haze (HU) & Haze Log (HU Log); Distinctiveness of Image (DOI); Peak Reflectance (Rspec) & Reflected Image Quality (RIQ)

## Technical Specification

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Part Number	Description	Certificate
J408-268	Elcometer 408 Triple Angle Gloss & DOI Meter (20, 60 & 85°)	●
Power Supply	Rechargeable Battery Pack	
Recharge Time	USB 4.5 hours	
	Gloss	Haze
	DOI	RIQ
Measurement Range	20°: 0-2,000GU; 60°: 0-1,000GU; 85°: 0-199GU	0-2,000GU
		0-100 DOI
		0-100 RIQ
Resolution	0.1GU	0.1HU
Repeatability	±0.2GU	±0.5HU
Reproduceability	±0.5GU	±1.5HU
Peak Specular Reflectance at 20°	± 0.09905°	
Dimensions (H x W x D)	65 x 140 x 50mm (2.5 x 5.5 x 1.9")	Weight
Packing List	Elcometer 408 Gloss & DOI Meter, high gloss calibration tile with calibration certificate, gloss tile cleaning cloth, transit case, USB cable, Novo-Gloss Multi Gauge Software, mini cd (instruction manual, Bluetooth® data app, Example Excel spreadsheets), instructional videos & operating instructions.	790g (1lb 12oz)

## Accessories

T40823532	High Gloss Calibration Tile with Calibration Certificate
T40823533	Mirror Gloss Calibration Tile with Calibration Certificate
T99923535	Gloss Tile Cleaning Cloth
T99921325	USB Cable

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