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**NOVO-CURVE** 

### Novo-Curve Glossmeter

- Curved & flat surfaces
- Small areas
- Highly polished metals
- Matt finishes

Manufactured by Rhopoint Instruments in the United Kingdom 

# The Novo-Curve Glossmeter



The Novo-Curve Glossmeter is a unique instrument with specially designed optics for accurately measuring curved surfaces and small areas.

It can also be used to measure flat surfaces and areas which are too small to measure with standard glossmeters.

With built in statistical analysis and the ability to download results to a PC, the instrument has all the features you will ever need for fast accurate curved surface gloss measurement.

## Benefits of using the Novo-Curve Glossmeter

- ✓ Measures small, curved or irregular surfaces
- ✓ Measures using 60° geometry
- ✓ Simple jiggling system
- ✓ Bench top instrument
- ✓ Hands free operation, easy sample manipulation
- ✓ Full statistical analysis
- ✓ Constant read feature
- ✓ Measures matt to mirror finish
- ✓ Download, analyse and store readings in Novo-Soft



# Features



## Simple checking of curved surfaces

For curved surfaces, the correct gloss value is the peak value identified on the sample. Continuous read mode on the Novo-Curve greatly simplifies this process.



## Certainty of measurement

For improved gloss control, calibrate on a standard that matches closest to your sample. Additional standards are available from matt to mirror finish.



## Repeatable sample positioning

Bespoke sample securing systems allow multiple samples to be measured in exactly the same place.



## Hands free sample measurement

The included footswitch enables the user to easily manipulate the sample for measurement



## Detailed analysis of results

USB data transfer of results to Novo-Soft for further analysis and export to CSV.



## Statistical analysis of results

On-board statistical analysis of batch readings (Max, Min, Mean, SD and CV)

# Applications

**Plastic parts**

From small items such as mobile phone buttons to large extruded pipes



**Automotive**

Switches and buttons, chromed exhausts, curved body and interior parts



**Furniture**

Wood, plastic and metal



**Ceramics**

Porcelain, tiles and glazed crockery



**Electroplating**

Chromed pipes, jewellery, handles, surgical instruments and prosthetics



**Coins**

Polished metals



**Banknotes**

Holograms and watermarks



**Dental research**

Tooth samples and prosthetics



**All paints & coatings**



**Medical**

Tablets, surgical instruments and prosthetics



**Confectionery**

Chocolates and sweets



**Food products**

Fruit, vegetables and nuts



# Specifications

Standard	Details
Conforms to	ASTM D523
Verified to	ISO2813

  

Instrument Specifications	Details
Measurement angle	60°
Range	0 – 1000GU
Repeatability	0.2GU (<200GU)
Reproducibility	0.5GU (<200GU)
Memory	199 readings
Power	110 –120V AC or 220 –240V AC
Measurement aperture	4.5mm ø
Measurement spot	2mm x 2mm
Commodity code	9027 5000

  

Dimensions and Weights	Details
Dimensions	(H) 160mm x (W) 220mm x (D) 100mm
Weight	2.5kg
Packed weight	6kg
Packed dimensions	(H) 180mm x (W) 400mm x (D) 310mm
Languages	
Commodity code	9027 5000

  

Order Codes	Details
Novo-Curve Glossmeter	A1277-500
Novo-Curve Cylinder Jig	B1277-032

## Accessories:

- NIST traceable calibration tile and certificate
- Footswitch
- 220-240V/110-120V AC mains power pack
- USB data cable + Novo-Soft software supplied on USB stick
- Tile cleaning cloth
- 4 x large sample jiggling posts
- Instruction manual

## Optional Accessories:

- Sample securing system:  
Novo-Curve Cylinder Jig



**Free extended 2 year warranty:** Requires registration at [www.rhopointinstruments.com](http://www.rhopointinstruments.com) within 28 days of purchase. Without registration, 1 year standard warranty applies.

**Free light source warranty:** Guaranteed for the life of the instrument.

**Calibration and service:** Fast and economical service via our global network of accredited calibration and service centres. Please visit [www.rhopointinstruments.com](http://www.rhopointinstruments.com) for detailed information.



**TRY BEFORE YOU BUY**

## We offer two options for you to try out the Novo-Curve Glossmeter before buying

- 1 Online demonstration:** Online presentation of the Novo-Curve Glossmeter with your samples measured LIVE on Zoom, Microsoft Teams or Skype. Includes a consultation with an application specialist
- 2 Factory sample testing:** Send in samples of your material for testing and receive a comprehensive test report

[Arrange a demo](#)

Ready to receive a quote?

[Click here](#)

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