

**NEW**

# DUAL FUNCTION 45/0° REFLECTOMETER

**OPACITY**

*Measure opacity  
independently of colour*



*Measure colour on  
a simple greyscale*

**SHADE**

**NOVO-SHADE DUO™**

**RHOPOINT™**  
take a closer look at surface quality

# NOVO-SHADE DUO™

The new Novo-Shade Duo is a dual function reflectometer for measuring shade and opacity with 45/0° geometry.

## Shade mode:

- Shade of paints, inks and coatings
- Fading of textiles and plastics
- Chalking of paint
- Efficiency of detergents and bleaching agents
- Whiteness of recycled paper
- Cleanliness and oxidisation on metal surfaces

## Features:

- Automatic calibration mode for safe and fast calibration
- Continuous-read feature for quickly checking large surfaces for colour or opacity variations
- Statistical analysis of stored readings gives and instant indication of batch quality
- Download readings to pc for further analysis with Novo-Soft™ included as standard
- Extended two year warranty - free for registered products
- Extended life light source - over 10 years operation under normal conditions

## Accessories:

- NPL traceable calibration standard
- RS232 data cable
- Protective instrument case
- 4 x AA batteries
- Novo-Soft™ QA software CD

## Conforms to international standards:

- ISO 2814, 6504
- BSI13900-D4
- ASTM 97, 1347, D4214, D2805
- D589



Certificate no: FM 29741  
BS EN ISO 9001: 2000

## Opacity mode:

- Hiding power of paints, inks and coatings
- Transparency of plastic film
- Opacity of paper



The Novo-Shade Duo will quickly and accurately calculate the opacity of a coating applied on a Leneta type chart

## Specifications:

Resolution	0.1%
Repeatability	0.2%
Reproduceability	0.5%
Battery life	3000 readings
Languages	UK, FR, DE, NL, ES, IT
Dimensions	125 x 50 x 100mm
Weight	470g
Measurement area	15 x 10mm ellipse

## Measurement units:

Shade mode

- 0% = black - no reflectance
- 100% = brilliant white - full reflectance

Opacity mode

- 0% = completely transparent
- 100% = fully opaque

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