



Opacity



www.rhopointinstruments.com

NOVO-SHADE DUO™

Dual Function 45/0° Reflectometer

Measure

- Opacity (Hiding Power)
- Colour on a simple greyscale

NOVO-SHADE DUO™

The Novo-Shade Duo™ reflectometer has 2 distinct modes of operation.

- To assess the shade of a surface (a simple indication of colour based on lightness/darkness)
- Calculate the opacity of a coating, plastic film or paper sample



Dual Function 45/0° Reflectometer
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FEATURES

Simple checking of large surface areas

Continuous read mode on the Novo-Shade Duo™ means that large surfaces can be checked easily for opacity or colour variations

Statistical analysis of results

On-board statistical analysis for an instant indication of batch quality

Detailed analysis of results

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

Automatic calibration

Fast and easy calibration on a certified calibration tile

APPLICATIONS: SHADE



Shade of paints, inks and coatings



Fading of textiles and plastics



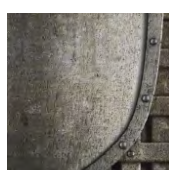
Chalking of paint



Efficiency of detergents and bleaching agents

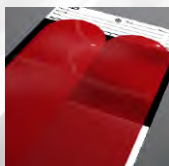


Whiteness of recycled paper

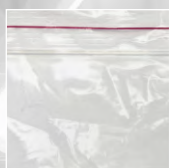


Cleanliness and oxidation on metal surfaces

APPLICATIONS: OPACITY



Hiding power of paints, inks and coatings



Transparency of plastic film



Opacity of paper

EXTRAS

FREE EXTENDED WARRANTY

Register for a two year comprehensive guarantee

FREE LIGHT SOURCE WARRANTY

Guaranteed for the life of the instrument

CALIBRATION AND SERVICE

Fast and economic service via our global network of accredited calibration and service centres, please visit www.rhopointinstruments.com/support for detailed information

NOVO-SHADE DUO™

SPECIFICATIONS

Standards:	ISO 2814, 6504, BS 3900-D4, D7 ASTM E97, E1347, D4214 ASTM D2805, D589
Resolution:	0.1GU
Repeatability:	0.2%
Reproduceability:	0.5%
Battery life:	15,000+ readings
Measurement area:	15 x 10mm ellipse
Dimensions:	125 x 50 x 100mm
Weight:	470g
Languages:	

ACCESSORIES

- Traceable calibration standard
- Calibration tile cleaning kit
- USB Data cable
- Protective instrument case
- Novo-Soft™ QA software CD
- Full instruction manual in PDF format
- 4 x AAA batteries
- Screwdriver

MEASUREMENT UNITS

Shade mode

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

Opacity mode

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



Certificate no: FM 29741
ISO 9001: 9001-2008

LOCAL AGENT

NORTH AMERICAN DISTRIBUTOR

Imbotec Group

1.866-IMBOTEC (462-6832)

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US/Canada Calibration Center

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