

NOVO-SHADE DUO™

DUAL FUNCTION 45/0° REFLECTOMETER

opacity independently of colour
MEASURE
colour on a simple greyscale



RHOPOINT
INSTRUMENTS

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

OPACITY MODE

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

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 an 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

CONFORMITY

International standards:

ISO 2814, 6504

BS 3900-D4, D7

ASTM E97, E1347, D4214

ASTM D2805, D589



Certificate no: FM 29741
BS EN ISO 9001: 2000

ACCESSORIES

- NPL traceable calibration standard
- Calibration tile cleaning kit
- RS232 Data cable
- Protective instrument case
- Novo-Soft™ QA software CD
- Full instruction manual in PDF format
- 4 x AA batteries
- Screwdriver



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

SPECIFICATIONS

Resolution	0.1GU
Repeatability	0.2%
Reproduceability	0.5%
Battery life	15,000+ readings
Languages	EN, FR, D, NL, ESP, IT, TR, CZ
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

LOCAL AGENT



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