Novo Shade Duo

45 / 0° Reflectometer

Complies to ISO 2814, 6504,
BS 3900-D4, D7, ASTM E97, E1347, D4214, D2805, ASTM D589

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

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

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

Accessories

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

Specifications

Resolution	0.10%	Languages	UK, FR, DE, NL, ES, IT
Repeatability	0.20%	Dimensions	125 x 50 x 100mm
Reproduceability	0.50%	Weight	470g
Battery life	3000 readings	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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