

Lovibond® Colour Measurement Tintometer® Group



RT650 (diffuse/8) Compact Spectrophotometer

Affordable Benchtop Spectrophotometer, Diffuse 8° Sphere



- Ideal for Small to Medium-Sized Manufacturers
- Rugged Construction with Minimum Footprint
- Unique Sample Holder for Previewing Sample Area
- Removable Sample Holder to Measure Large Samples

Part Number: 407000

Reliable and Accurate Compact Benchtop Spectrophotometer

This affordable benchtop spectrophotometer is ideal for small to medium-sized manufacturers looking to establish accurate colour measurement in the work process. This small footprint and rugged construction means you can use it practically anywhere for multiple applications.

Reduces Rework for Faster Time to Market and Lower Costs

Improving the colour quality in the lab and in manufacturing can significantly reduce the danger of having to rework your products to address the requirements expected from your customers.

Immediately Identifies Colour Variance

Using standard measurement methods, the RT 650 immediately identifies and deviations in colour and gloss to ensure accurate color readings or to qualify visual inspection (SPIN/SPEX).

Compliance with ASTM D523 and ISO 2813

The RT 650 produces correlated 60° gloss value for more accurate assessment of sample gloss in compliance with ASTM D523 and ISO 2813.

Inter-Instrument Agreement

This benchtop instrument provides data with the Lovibond® handheld spectrophotometers enabling you to easily share data across the operation.

Adaptable

The RT 650 has an unique sample holder for previewing sample area and an additional removable sample holder to measure large samples which enable you to get the best use from this one instrument.

Industry

Chemical Industry | Food and Beverage Industry | Industries Others | Oil and Gas | Pharmaceutical Industry

Application

Chemicals | Coatings | Food and Beverage | Household Products | Medical and Clinical Products | Pharmaceuticals and Cosmetics | Plastics | Textiles

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This entry-level benchtop spectrophotometer has been designed to give fast, precise and accurate colour measurement information on a range of products.

Technical Data

Applicable Standard	ASTM 313 ASTM D1925 ASTM E308
Colour Type	Opaque
Measuring Geometrics	d/8°, DRS spectral engine, fixed aperture simultaneous SPIN/SPEX
Interfaces	USB
Spectral Interval	10 nm - measured; 10nm - output
Measurement Range	0 tot 200 % reflectie
Power Supply	AC Adapter Requirements 90 - 130 VAC or 100 - 240 VAC 50 - 60 MZ 15 W max
Measurement Time	Approx 2 seconds
Lamp Life	Approx 500,000 measurements
Storage Temperature	-4 to 122°F (-20° to 50°C)
Short Term Repeatability	0.05 ΔE ab on white ceramic

Spectral Range	400 - 700 nm
Portability	Benchtop
Dimensions	190 x 220 x 264 mm
Weight	5.2 kg

Delivery Scope

Sturdy Box Including

- Instrument
- Calibration box
- Universal power supply
- Instruction manual

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Technical changes without notice
Printed in Germany

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