

# Lovibond® Colour Measurement Tintometer® Group



## RT650 Expert Package RT650 & OnColor Premium

Affordable Benchtop Spectrophotometer, Diffuse 8° Sphere, With QC Software



- 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: 0

### 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.

### Colour Control Software for Quality Control

The RT 650 Expert Package is supplied with the OnColor™ software package allowing you to download measurement data, analyse in detail and store indefinitely on a PC.

## Industry

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

## Application

Chemicals | Coatings | Food and Beverage | Household Products | 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. It includes the OnColor Premium Software package for enhanced quality control.

## Technical Data

<b>Applicable Standard</b>	ASTM 313 ASTM D1925 ASTM E308
<b>Colour Type</b>	Opaque
<b>Interfaces</b>	USB
<b>Measuring Geometrics</b>	d/8°, DRS spectral engine, fixed aperture simultaneous SPIN/SPEX
<b>Spectral Interval</b>	10 nm - measured; 10nm - output
<b>Measurement Range</b>	0 tot 200 % reflectie
<b>Measurement Time</b>	Approx 2 seconds
<b>Power Supply</b>	AC Adapter Requirements 90 - 130 VAC or 100 - 240 VAC 50 - 60 MZ 15 W max
<b>Lamp Life</b>	Approx 500,000 measurements
<b>Storage Temperature</b>	-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

## Delivery Scope

### Sturdy Box Including

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

### Tintometer GmbH

Lovibond® Water Testing  
Schleefstraße 8-12  
44287 Dortmund  
Tel.: +49 (0)231/94510-0  
sales@lovibond.com  
www.lovibond.com  
Germany

### The Tintometer Limited

Lovibond House  
Sun Rise Way  
Amesbury, SP4 7GR  
Tel.: +44 (0)1980 664800  
Fax: +44 (0)1980 625412  
sales@lovibond.uk  
www.lovibond.com  
UK

### Tintometer China

Room 1001, China Life Tower  
16 Chaoyangmenwai Avenue,  
Beijing, 100020  
Customer Care China Tel.: 4009021628  
Tel.: +86 10 85251111 App. 330  
Fax: +86 10 85251001  
chinaoffice@tintometer.com  
www.lovibond.com  
China

### Tintometer South East Asia

Unit B-3-12, BBT One Boulevard,  
Lebuh Nilam 2, Bandar Bukit Tinggi,  
Klang, 41200, Selangor D.E  
Tel.: +60 (0)3 3325 2285/6  
Fax: +60 (0)3 3325 2287  
lovibond.asia@tintometer.com  
www.lovibond.com  
Malaysia

### Tintometer Brazil

Caixa Postal: 271  
CEP: 13201-970  
Jundiaí – SP  
Tel.: +55 (11) 3230-6410  
sales@lovibond.us  
www.lovibond.com.br  
Brazil

### Tintometer Inc.

6456 Parkland Drive  
Sarasota, FL 34243  
Tel: 941.756.6410  
Fax: 941.727.9654  
sales@lovibond.us  
www.lovibond.us  
USA

### Tintometer India Pvt. Ltd.

Door No: 7-2-C-14, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> Floor  
Sanathnagar Industrial Estate,  
Hyderabad, 500018  
Telangana  
Tel: +91 (0) 40 23883300  
Toll Free: 1 800 599 3891/ 3892  
indiaoffice@lovibond.in  
www.lovibondwater.in  
India

### Tintometer Spain

Postbox: 24047  
08080 Barcelona  
Tel.: +34 661 606 770  
sales@tintometer.es  
www.lovibond.com  
Spain