

# Lovibond® Colour Measurement Tintometer® Group



## RT250 Elite Package RT 250

Versatile Portable Spectrophotometers



- High Performance Accuracy, Low Inherent Costs
- Includes QA Software as Standard
- Versatile - Measures Wide Range of Materials, Shapes, Sizes, Textures & Opacity Levels
- Ergonomic Design Enables Easy to Measure Difficult to Handle Samples

Part Number: 402505

### Enhanced Measurement Integrity

The dampened, flip-back targeting interface and remote measurement trigger enables you to easily measure difficult-to-handle samples

### Accommodates Wide Range of Samples and Sizes

The measurement capability of the RT 250 of 14 mm or larger makes this instrument ideal for the measurement of materials such as paper, plastic, fabric and a variety of hard surfaces.

### Quick, Accurate Reads

With the RT 250, you can achieve measurement times of 2 seconds on standard flat samples as well as complex shapes.

### Versatility

You can use the RT 250 for both handheld and benchtop applications. The remote read switch adds convenience when using one of the many accessories available.

### Easy to Operate

The RT 250 operates with "close-and-play" functionality supported by visual (LED) and audible status indicators.

### Reliable Performance

This instrument allows you to simultaneously measure both specular included (colour) and specular-excluded (appearance) to determine the influence of specular component.

### Consistent Measurements

The superior agreement capabilities ensure integrity of multiple-instrument colour control and inter-instrument agreement throughout the factory or across sites.

### Colour Control Software for Quality Control

The Lovibond® RT 250 Spectrophotometer is not a stand-alone unit as it does not incorporate a display screen. The RT Elite Package contains everything you need to start using the instrument immediately, combining the RT 250 with the popular OnColor™ Lite Software. If enhanced functionality is required, you can upgrade the software to the OnColor™ Premium Software edition.

## Industry

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

## Application

Coatings | Food and Beverage | Household Products | Medical and-Clinical Products | Plastics

## RT250 Elite Package RT 250

The Lovibond® RT 250 is a versatile instrument for the consistent measurement of a wide variety of samples in a range of materials, sizes, shapes, textures and opacity levels. The simultaneous measurement of colour and appearance ensures enhanced accuracy of results.

## Technical Data

<b>Applicable Standard</b>	ASTM 313 ASTM D1925 ASTM E308
<b>Colour Type</b>	Transparent Translucent Opaque
<b>Interfaces</b>	USB
<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>	15 W max 90 - 130 VAC or 100 - 240 VAC 50 - 60 MZ AC Adapter Requirements
<b>Lamp Life</b>	Approx 500,000 measurements
<b>Storage Temperature</b>	-4 to 122°F (-20° to 50°C)
<b>Spectral Range</b>	400 - 700 nm
<b>Portability</b>	Benchtop
<b>Dimensions</b>	91 x 109 x 213 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

9F, SOHO II C.  
No.9 Guanghualu,  
Chaoyang District,  
Beijing, 100020  
Customer Care China Tel.: 4009021628  
Tel.: +86 10 85251111 Ext. 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