

Lovibond® Colour Measurement Tintometer® Group



RT500 Explorer Package RT500 & OnColor Lite

Portable Sphere Spectrophotometer with QC Software



- Sphere Technology with 8 mm Measurement Area / 13 mm Target Window
- OnColor™ Lite Software Included
- Ability to Output Simultaneous SPIN, SPCX and Correlated Gloss Measurements
- Access to up to 4,000 Reference Samples for Fast Access to Existing Data

Part Number: 400505

Capable and Flexible

The 8mm measurement aperture and the ability to output simultaneous SPIN, SPCX and Correlated Gloss measurements makes the RT 500 instrument extremely flexible.

You can use it in production or in the field to take quick colour measurements and compare the accuracy with proven results - not guess work from visual comparison. It is equally applicable for reflective measurements or uneven surfaces.

Hands-Free Measurement

The remote measurement trigger enables you to operate the instrument remotely.

Storage

The instrument provides access to up to 4,000 reference samples which have been stored for fast access to existing data.

Ideal for Off-Site Measurements

The RT 500 is ideal for use in the field. The optional dual-bay charging facility helps you increase your instrument's up-time by letting you simultaneously charge the second battery.

Ensures Your Brand Identity

If you are using metallics, special finishes and textures to gain market presence, your brand must be important to you. Colour measurement throughout your production process results in your end products always looking the same and building on your quality brand.

Colour Control Software for Quality Control

The RT 500 Explorer Package includes the OnColor™ Lite software package allowing measurement data to be downloaded, analysed in detail and stored indefinitely on a PC.

OnColor is an Open Platform software package that works on any of the off-the-shelf spectrophotometers that are currently available from all active suppliers and legacy systems such as Macbeth. OnColor is available for all spectrophotometers from handheld, portable instruments - such as the RT range from Lovibond® Tintometer® - to bench-top instruments. It is equally as suited to quick, portable readings as to the demanded accuracy of high-end solutions. Its flexibility extends further: the software can either be used out-of-the-box with pre-programmed screen displays; alternatively, it is fully customizable to enable the users to portray information tailored to their needs.

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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Portable spectrophotometers provide the perfect opportunities for you to measure colour anywhere in your facilities. They are rugged yet accurate and easy to carry so you are ready to measure whenever required.

Delivery Scope

- ☐ Sturdy Box Including
- ☐ Instrument
- ☐ Calibration box
- ☐ Universal power supply
- ☐ Instruction manual

Technical Data

Applicable Standard	ASTM 313 ASTM D1925 ASTM E308
Colour Type	Transparent Translucent Opaque
Spectral Interval	10 nm - measured; 10nm - output
Measurement Range	0 tot 200 % reflectie
Measurement Time	Approx 2 seconds
Lamp Life	Approx 500,000 measurements
Storage Temperature	-4 to 122°F (-20° to 50°C)
Spectral Range	400 - 700 nm
Portability	Benchtop

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