

# Lovibond® Colour Measurement Tintometer® Group



## RT300 (0/45) 7 mm aperture

Conveniently Measure Colour On-The-Go



- Easy-To-Read, In-Built Graphical Display
- Pass/Fail Mode for up to 1,024 Standards with Tolerances / 2000 Samples
- 7 mm Measurement Area / 9 mm Target Window
- Identifies Variation in In-Coming Goods & Batches

Part Number: 400300

### Convenient Colour Measurement

This instrument allows you to obtain absolute and differential measurements. It is ideal for situations where Quality Controllers may have different requirements and levels of skill but need to work together to share data and establish consistency across the supply chain. Reducing the colour approval cycle speeds time to market.

### Easy To Read and Easy To Understand

The RT 300 features an easy-to-read graphical LCD display and a pass/fail mode that measures against up to 1,024 standards with tolerances that can be stored for easy pass/fail measurement. Regardless on how skilled you are, this feature is a fast way for you to evaluate the colour of an object against an established standard.

### Saves Time, Wastage and Costs

Accurately measuring colour helps you identify any variation in incoming materials, production batches and more, before it's too late.

### Flexibility in Presented Results

The wide colorimetric range meets a number of CIE certifications and includes CIE XYZ, CIE Yxy, CIE LAB, Hunter LAB, CIE LCH, CME, CIE94, Whiteness and Yellow. Furthermore, if you are looking for more flexibility in presentation, the RT 300 also provides an interface to RT Colour Software.

### Enhanced Quality Software Control

The RT 300 series can be combined 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

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

## RT300 (0/45) 7 mm aperture

This portable handheld (0/45) 7 mm aperture spectrophotometer is the most convenient way for you to measure colour, allowing you to obtain absolute and differential measurements in the lab, plant or field.

## Technical Data

<b>Applicable Standard</b>	ASTM 313 ASTM D1925 ASTM E308
<b>Colour Type</b>	Transparent Translucent Opaque
<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>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

## Delivery Scope

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

## Accessories

Title	Part Number
RT On-Colour Premium Software	400610
RT300/400/500 Benchtop Stand	400620
RT300/400/500 Lqd Cell Holder	400630
RT300/400/500 Powder Cell Holder	400640
RT V-Block Sample Holder	400660
RT300/400/500 Pellet Holder	400680

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