

# Lovibond® Colour Measurement Tintometer® Group



## LC 100 SV 100 Kit

Hand-Held Imaging Spectrocolorimeter With Viewing Stand



- Unique Housing Stand to Protect Sample from Ambient Light
- Enables Measurement of Food, Powders, Cosmetics & Pastes
- Versatile Communication of Color Measurement
- Single, Simple, Reliable, Integrated Tool - No Need to Connect to PC

Part Number: 401120

### Portable, Ergonomic & Extremely Versatile

The LC 100 / SV 100 combination gives you great flexibility in color measurement. It is a lightweight tool that is easy to handle and ready to use. In just over a second, it not only provides you a reading of the sample but also a report telling how close the color is to a measured standard. It is the ideal solution for the color measurement of food, powder, cosmetics, pastes and pharmaceuticals.

### Easy, Instant Reporting to Share and Store Results

The LC 100 / SV 100 gives you immediate results on the screen with comparisons to your set of standards. If you need a more formal, in-depth report, the LC 100 creates PDF and CSV files which can be accessed via a PC with the USB mass storage mode.

### Enables Measurement of Food, Powders, Cosmetics & Pastes

The Lovibond® LC 100 / SV 100 integrated package offers you a unique opportunity to measure awkward substances such as food, powders, cosmetics and pastes. The SV 100 holder supports the LC 100 at an ergonomic viewing angle to enable the measurements in Lovibond® optical cells. A secure cap is provided to cover the sample, protecting it from any excessive ambient light, enabling quick yet accurate readings.

### Versatile Communication of Color Measurement

You can get results in just over a second and view them easily with:  
Graphical Pass/Fail indicator  
Display of  $\Delta E$  for all common methods ie CIELAB, CMC, CIE 94, 2000  
Display of measured and delta differences with  $L^*a^*b^*C^*h^\circ$  for standard and sample  
Graphical  $L^*a^*b^*$  plot  
Verbal color difference description

### Single, Simple, Reliable, Integrated Tool - No Need to Connect to PC

Utilizing the LC 100 / SV 100, you can ensure that all your staff are speaking the same language with an easy pass/fail measurement.

## 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 | Sugar Solutions, Syrups and Honey | Textiles

## LC 100 SV 100 Kit

A very easy to use, extremely portable instrument spectrophotometer for quick yet accurate reporting of any possible deviations of color against your defined color scale. Up to 350 sample measurements can be stored on the device and compared to reference standards.

The SV 100 holder provide even more flexibility enabling you to measure samples of food, powders, cosmetics and pastes.

## Technical Data

<b>Applicable Standard</b>	ASTM E308
<b>Color Type</b>	Transparent Translucent Opaque
<b>Display</b>	4.5 cm Colour TFT
<b>Interfaces</b>	USB
<b>Measuring Geometrics</b>	45/0 Image Capture
<b>Internal Storage</b>	30 standards/350 sample results
<b>Measurement Time</b>	1.8 seconds
<b>Storage Temperature</b>	-20° to 60°C (-4°F to 104°F)
<b>Short Term Repeatability</b>	Typical 0.10 ΔE 94 on white (D65/10)
<b>Illuminants</b>	CIE Illuminant A CIE Illuminant D65
<b>Portability</b>	Portable

## Delivery Scope

- LC 100 Handheld Spectrophotometer
- SV 100 Viewing Stand
- Carrying Pouch
- 10 x Plastic Cells (10ml)
- Cell Adaptor
- UBS Cable for Power Supply and Data Transfer

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