

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 ΔE 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

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