

Lovibond® Colour Measurement Tintometer® Group



LC 100 Spectrocolorimeter

Hand-Held Imaging Spectrocolorimeter



- Hand-Held Imaging Spectrocolorimeter
- Versatile Communication of Colour Measurement
- Single, Simple, Reliable, Integrated Tool - No Need to Connect to PC
- Readings and Comparison Charts within Seconds

Part Number: 401100

Portable, Ergonomic & Extremely Versatile

The LC 100 gives you great flexibility in colour 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 colour is to a measured standard. It is the ideal solution for the colour measurement of many applications. The carrying pouch also means you can keep the instrument with you at all times, giving you immediate access to results.

Easy, Instant Reporting to Share and Store Results

The LC 100 automatically creates conformance reports in either PDF or Excel formats for each stored sample against each standard. These can easily be shared with a PC or directly to a compatible printer (via USB mass storage mode).

Versatile Communication of Colour 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 colour difference description

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

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

Upgrade to the LC 100 / SV 100 to Measure Awkward Samples

The Lovibond® LC 100 and SV 100 integrated package provides a unique solution for you to measure 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. The units are provided in a purpose-designed case containing all the accessories required for accurate colour measurement expected of the Lovibond® brand.

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 Spectrocolorimeter

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

Technical Data

Applicable Standard	ASTM E308
Color Type	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 Spectrocolorimeter
- Carrying Pouch
- UBS Cable for Power Supply and Data Transfer

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