

INFORMATION
LABORATORY ANALYSIS
SPECTRAL COLOUR MEASUREMENT
LICO 500



IODINE
PT CO
GARDNER
PHARM. EUR.
US PHARM.
ASTM D 1500
SAYBOLT
CIE-L*A*B*
AOCS Y/R
...



Competence in colour

LICO 500 – Superior Colorimeter

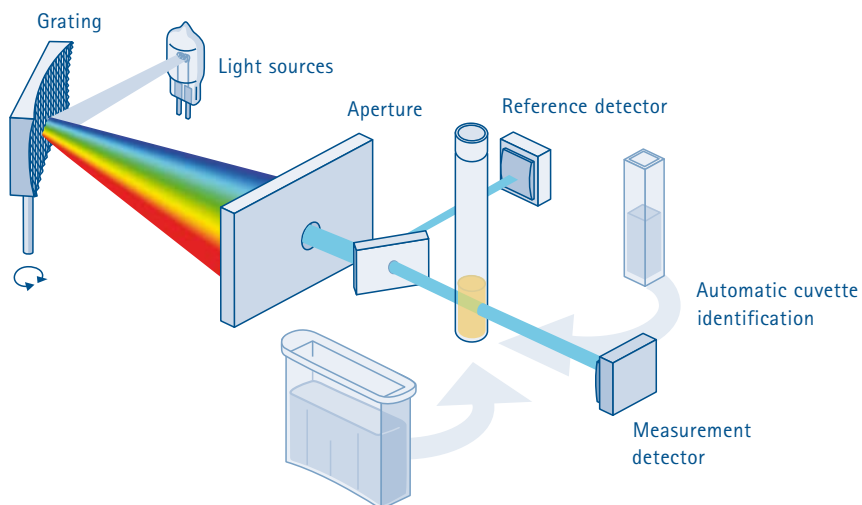
Professional colour measurements: LICO 500

We provide excellent instrumentation for the analysis of solvents, paints and pharmaceuticals. For more than 15 years, HACH LANGE has provided expertise in the spectral measurement of clear liquids with professional spectrophotometers. The LICO 500 offers simple handling and fast results with unsurpassed measurement reliability.

- **Reliable operation through intuitive menu guidance and archivable user profiles**
- **All important colour scales included**
- **Correct measurement results thanks to automatic cuvette identification**
- **High level of measurement reliability through a comprehensive set of test aids**
- **Only 7 seconds per measurement**



Only 7 seconds per measurement value thanks to the directly driven spectral grating.

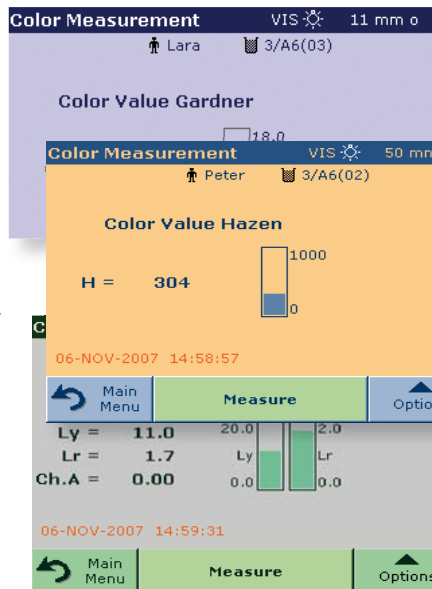
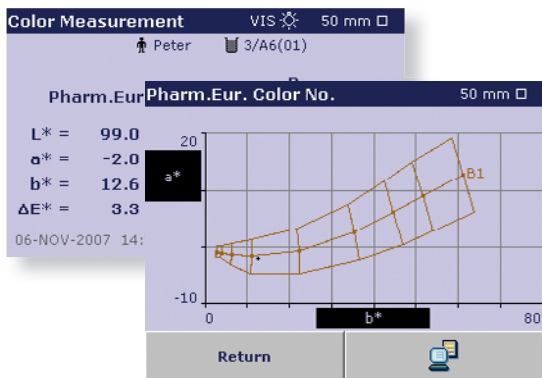


Exact and reproducible measured values: determination of the spectral colour value with a resolution of 10 nm, together with automatic cuvette identification, guarantees unsurpassed measurement reliability. One advantage of the spectral measurement is long-term stability, as, in contrast to filter photometers, no ageing occurs.

Precise, simple self-monitoring with certified standard ADDISTA color solutions.

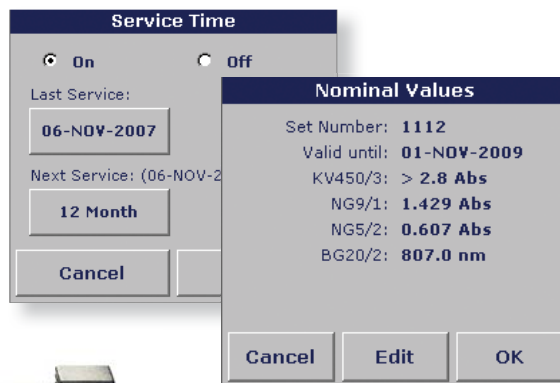


Colour stability and product ageing at a glance: The Pharm. Eur. diagram shows where the measured value is located.



Ideal for several users: 100 user profiles can be archived with individual configurations. Password protection and user-specific display colours support secure access.

The dynamic measuring range bar shows clearly where the value is located in the colour scale. Adaptable measuring range limits satisfy user requirements perfectly.



Reliability through automated quality checks: LICO automatically provides reminders of for certified test filters, calibration and service interval.



Latest technology

LICO 500 is a safe investment, as its 22 integrated colour scales cover all requirements:

- Conventional scales such as iodine, Hazen (Pt Co), Gardner, Pharm. Eur. and
- Specific scales such as Saybolt or ASTM.

One important benefit is LICO's high level of flexibility in quality control: measured values can be evaluated in all scales, also after the event with archived spectral data.

Up to date for routine analysis

LICO 500 impresses with its intelligent technical features:

- Simple integration into the existing laboratory network through USB connection
- Working storage for 500 measured values and 50 colour value references
- Simple to use thanks to clear instructions on colour touchscreen
- Uncomplicated handling as measurements are carried out in an open compartment

- The appropriate cuvettes for each application:
- 11 mm round cuvettes, 10 mm or 50 mm rectangular cuvettes
 - Glass or plastic cuvettes
 - Disposable or reusable high-precision cuvettes





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.