



LCT

Trace Evidence Comparison Microscope



The Leeds Trace Evidence Comparison Microscope (LCT) is designed for forensic science and other science disciplines which analyze the critical comparison of specimens such as hair, fibers, paint chips, plant matter and soil.

The LCT's high-quality optical system provides superior color and intensity balance requiring no adjustment by the operator. Providing a large 22mm field of view, and an erect, unreversed image, the LCT allows the operator to quickly and easily manipulate specimens for examination.

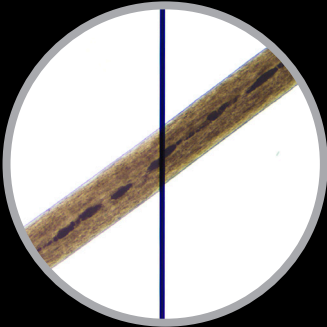
With the Leeds Trace Evidence Comparison Microscope, two specimens can be viewed as split-field, superimposed, or individual images. Separate, bridge-marked, slide controls allow for continuous adjustment from 100% of the left image to 100% of the right image, or any position in between.

Visit www.leedsmicro.com to learn about optional imaging configurations for the LCT.

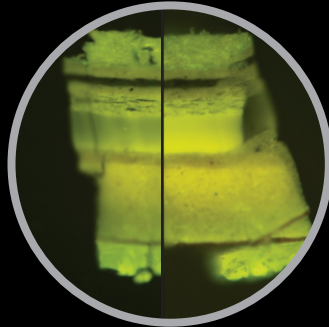


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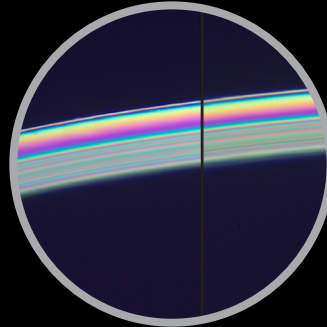
LCT Specifications



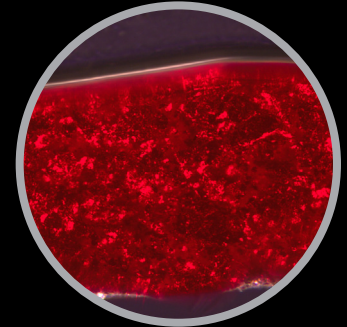
Brightfield image



Fluorescent light image



Polarized light image



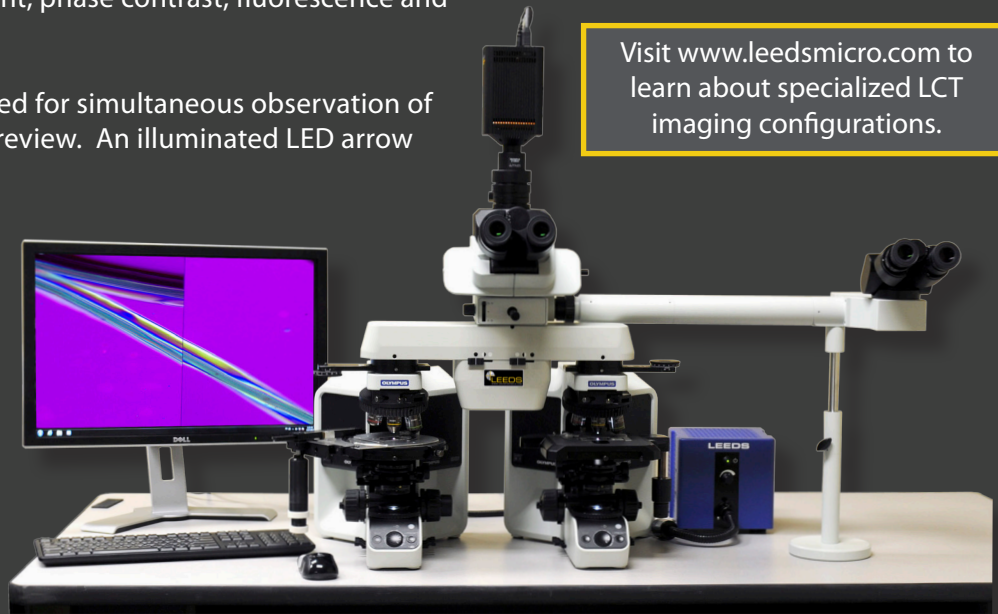
Polarized light image

The LCT modular design makes it possible for transmitted and reflected light configurations. The LCT can be configured for brightfield, darkfield, polarized light, phase contrast, fluorescence and other contrast methods.

A dual-viewing accessory can be added for simultaneous observation of evidence, ideal for training and peer review. An illuminated LED arrow aids in indicating features of the specimen.

Thanks to the compact base plate footprint, the LCT requires minimal work space. The LCT configuration allows a single end user to easily operate both microscopes simultaneously. In addition, the LCT is capable of single microscope use applications such as investigation of biological, medical or chemical specimens in all types of illumination.

Visit www.leedsmicro.com to learn about specialized LCT imaging configurations.



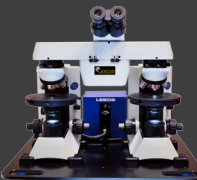
LCT Comparison Microscope shown with Dual View Attachment Option

FEATURES



LCT

- Image Views: split-field, superimposed and individual right/left
- Height from table surface to eyepoint: from 19" to 23"
- Length, optical center to optical center: 13 1/4"
- Foot print of LCT: 26 1/2" wide x 20" deep
- Compatible with dual-view attachment and tilting observation tubes
- Modular design
- Large 22mm field of view
- Erect image
- Color and Intensity balanced



LCT-S

- Base plate foot print of LCT-S: 24" wide x 24" deep
- Can easily be moved from lab to lab in a teaching facility
- Optional Dual View accessory can be attached for simultaneous observation
- Single randomized, calibrated, bifurcated fiber-optic light guide



Leeds LCT can be purchased on
Leeds GSA Schedule Contract
GS-07F-097CA

