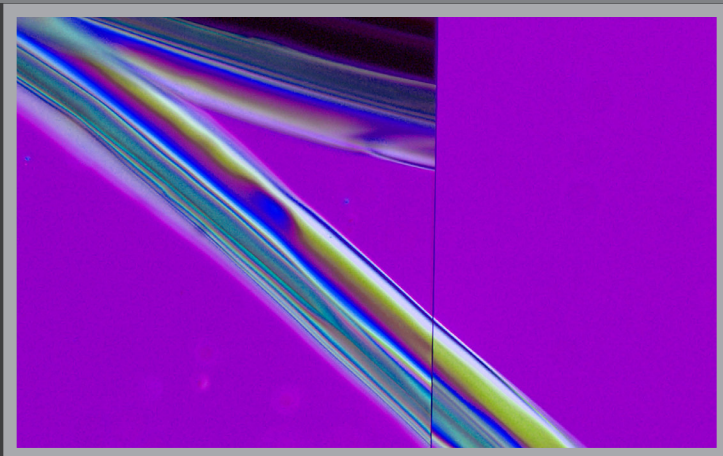


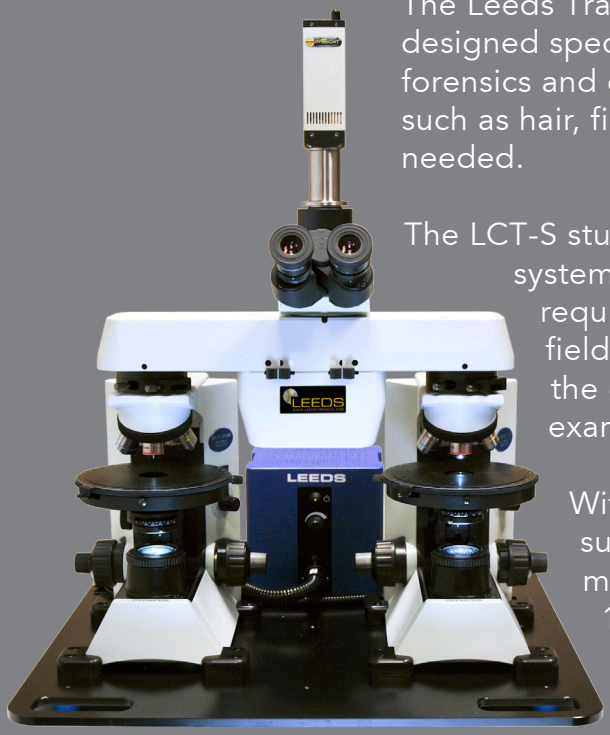
LCT-S

Leeds Trace Evidence Student Comparison Microscope

The Leeds Trace Evidence Student Comparison Microscope LCT-S is designed specifically for education laboratory environments focusing on forensics and other sciences where the critical comparison of specimens such as hair, fibers, paint chips, plant matter and soil or particulates is needed.

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

With the LCT-S, 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. A detent locates the center split position on the right image.



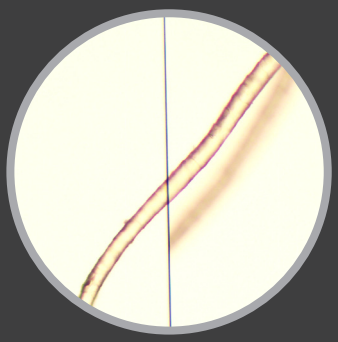
The LCT-S pictured above includes the optional rotary polarized light stages. The LCT-S is commonly sold with rectangular coaxial stages.

Located in the center of the bridge, the center split position for left image can be adjusted by the examiner, allowing the dividing line width to be varied as desired.

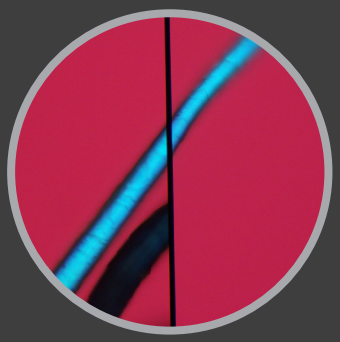
LEEDS FORENSIC SYSTEMS
Your Forensic Imaging Source

Leeds Forensic Systems, Inc.
17300 Medina Road, Suite 600
Minneapolis, MN 55447
Phone: 763-546-8575
www.leedsforensics.com

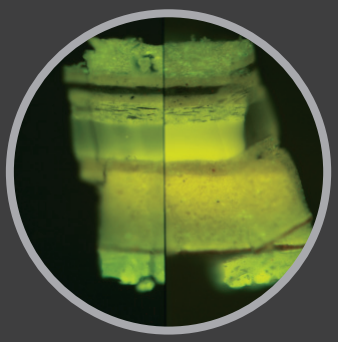
LCT-S Specifications



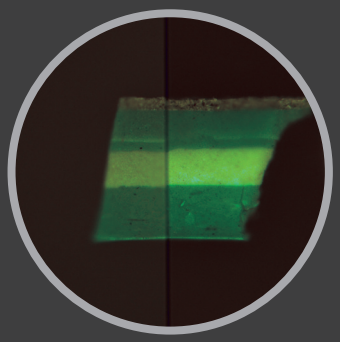
Brightfield image



Polarized light image



Fluorescence light paint section samples



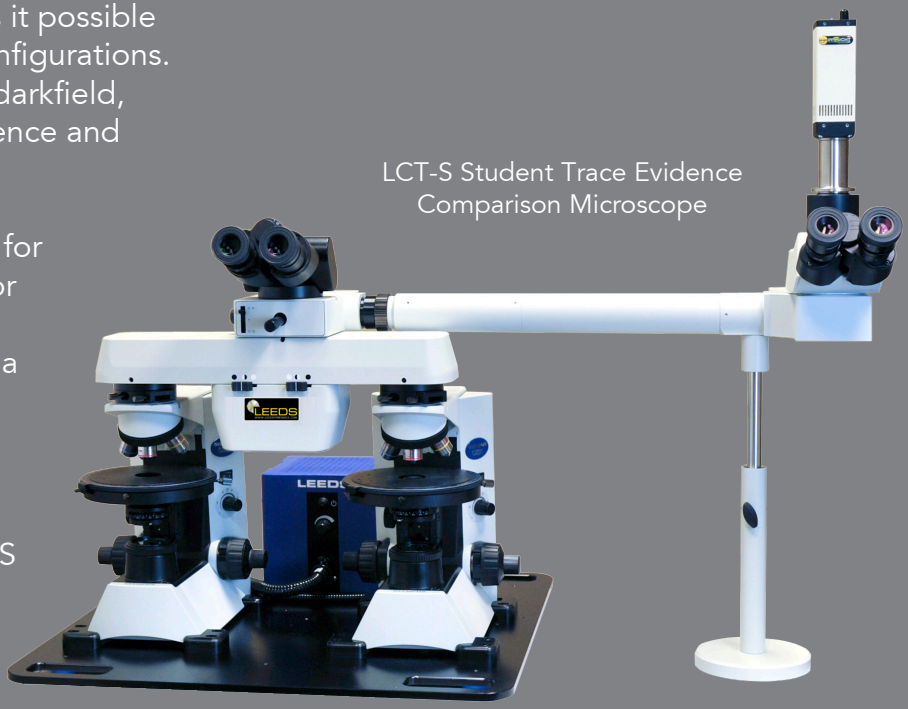
Polarized light image

The modular design of the LCT-S makes it possible for transmitted and/or reflected light configurations. The bridge can be used for brightfield, darkfield, polarized light, phase contrast, fluorescence and other contrast methods.

A dual-viewing accessory can be added for simultaneous observation of evidence for training and consultation purposes. An illuminated LED arrow aids in indicating a point of the specimen.

The compact footprint takes up minimal work space. One person can easily operate both microscopes and the LCT-S is also capable of single microscope use applications such as investigation of biological, medical or chemical specimens in all types of illumination.

LCT-S Student Trace Evidence Comparison Microscope



Features

LCT-S:

- Base plate foot print of LCT-S: 24" wide x 24" deep
- 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 ¼"
- Compatible with dual-view attachment and tilting observation tubes
- Single randomized, calibrated, bifurcated fiber-optic light guide
- Modular design
- Large 20mm or 22mm field of view
- Erect image
- Color and Intensity balanced

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