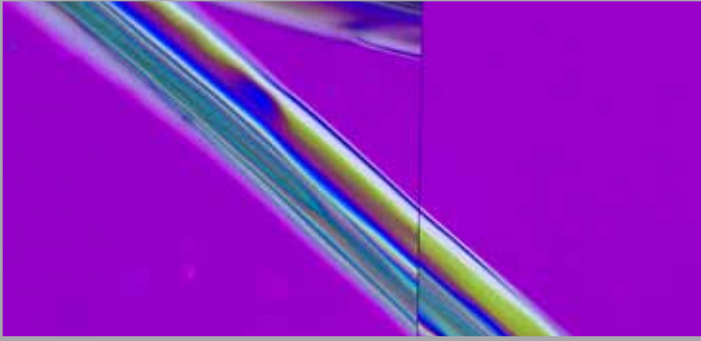


LEEDS TRACE EVIDENCE COMPARISON MICROSCOPE



LCT

LEEDS TRACE EVIDENCE COMPARISON MICROSCOPE

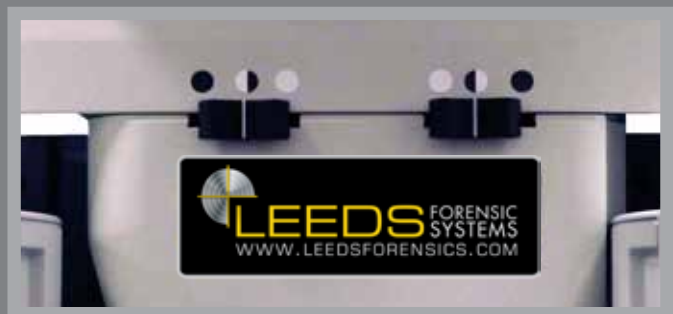


The Leeds Trace Evidence Comparison Microscope is designed for forensics and other sciences where the critical comparison of specimens such as hair, fibers, paint chips, plant matter and soil or particulates is needed.

With the LCT Trace Evidence Comparison Microscope, two specimens can be viewed as split-field, superimposed or individual images. Separate 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 center split position for left image is user adjusted allowing the dividing line width to be varied as desired.

The high quality optical system intrinsically provides superior color balance requiring additional no adjustment by operator. A large 22mm field of view and an erect unreversed image, moves in the same direction as the object for quick easy manipulation of the specimen.

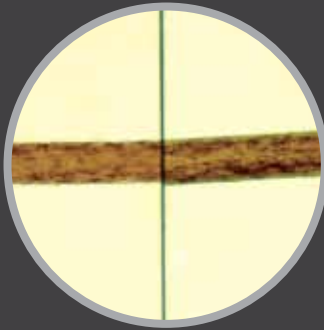
The LCT Comparison Bridge has a superior color and light intensity balance which makes it possible to use a single light source with a randomized, calibrated, bifurcated fiber-optic light guide to provide consistent illumination to both the right and left images.



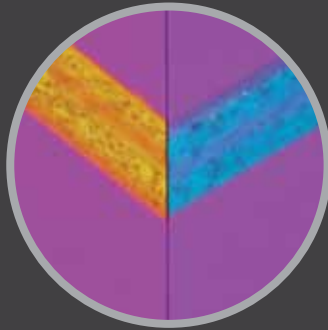

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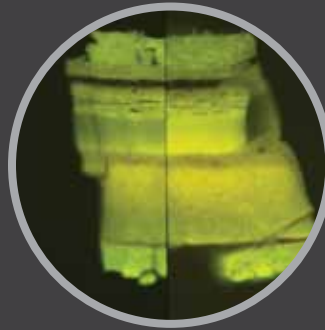
LCT SPECIFICATIONS



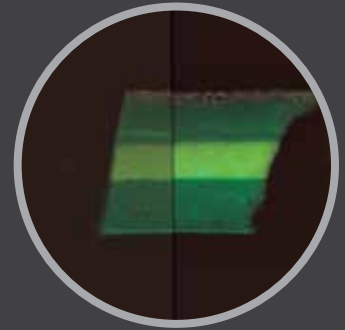
Brightfield image



Polarized light image



Fluorescence light paint section samples



Polarized light image

The modular design 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. 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 it is also capable of single microscope use applications such as investigation of biological, medical or chemical specimens in all types of illumination.



LCT Comparison Bridge Face-to-Face

LCT-S Student Trace Evidence Comparison Microscope



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
- Single randomized, calibrated, bifurcated fiber-optic light guide

