



Trace-Z

Trace Evidence Comparison Microscope

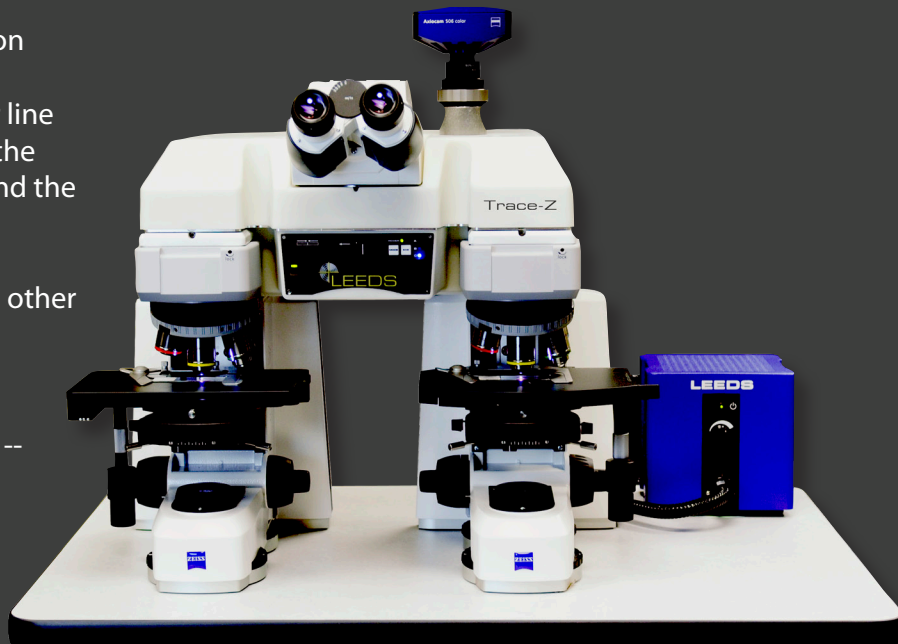
Our powerful Trace-Z trace evidence comparison microscope employs Zeiss optical components. Leeds has added this newest microscope to our line of Zeiss-based forensic microscopes, including the Discovery-Z firearms comparison microscope and the N-IRC stereo microscope camera/software kit.

The Trace-Z is designed for forensic science and other applications that require side-by-side comparison of various specimens.

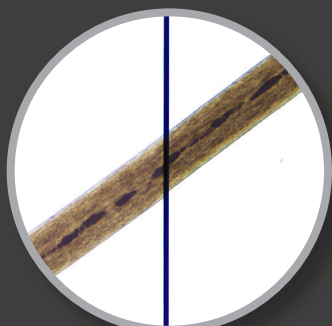
The Trace-Z offers a unique, 23mm field of view -- the **largest field of view** in the forensic marketplace. The system provides superior color and intensity balance requiring no adjustment by the operator.

Providing an erect, unreversed image, the Trace-Z allows the operator the ability to quickly and easily manipulate specimens for examination. A motorized, sweeping mask adjuster allows the examiner to single-handedly control the image dividing line and overlay.

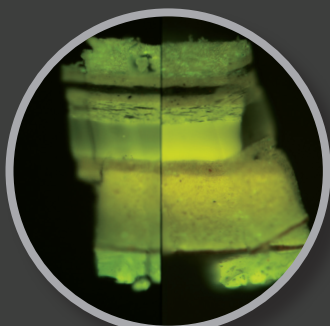
An optional dual-view version of the Trace-Z is available for simultaneous observation of evidence and is ideal for training and peer review.



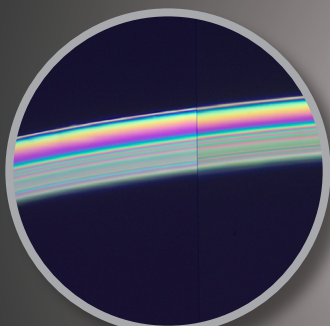
Learn more about the Trace-Z: visit www.leedsmicro.com, call +1(763)546-8575 or e-mail our sales staff at sales@leedsmicro.com.



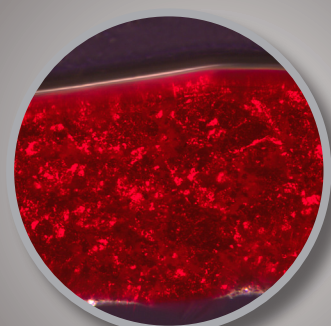
Brightfield image



Fluorescent light image



Polarized light image



Polarized light image

Trace-Z

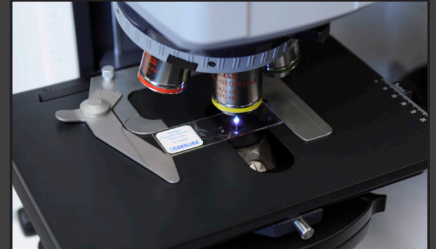
Features

- 23 mm Field Number
- Erect unreversed image
- Color and intensity balanced
- Image Views: Split-field, superimposed, and individual right/left
- Integrated camera port with a fixed 70/30% split between eye pieces and camera
- NIST traceable, ISO/IEC 17025:2005 accredited, Certificate of Magnification Match
- Optional dual-view comparison microscope version available, with an illuminated LED arrow to aid in indicating specimen features



Techniques

- Brightfield (BF)
- Polarized Light (POL)
- Fluorescence
- Darkfield (DF)
- Phase Contrast
- Differential Interference Contrast (DIC)
- Reflected Brightfield/Darkfield/Polarized



Technical Requirements

- Footprint of Trace-Z: 23" wide x 20" deep
- Height from table surface to eye point: From 18" - 23.5"
- Length between optical centers: 13.5"
- Optional Table Dimensions: 25-50" H x 35.5" W x 26" D
- Electrical Requirements: 120 - 240 VAC, 50 - 60 Hz

