

The Logical Interface

MICROSCOPE CATALOGUE

Digital Microscopes with USB output. Ideal for use with digital displays and interactive whiteboards.

TLI mTech 5 MP Hi Magnification \$195.00 (Ex GST)

The TLI mTech digital microscope is a high resolution hand held digital microscope with a 5 MP colour camera making it ideal for printing high resolution images. Perfect for anyone wanting to view, or publish quality images.

Features

- High resolution 5 MP colour camera.
- Up to 9 MP resolution with software interpolation.
- Eight white light LEDs with adjustable illumination.
- Adjustable magnification within the range 20x to 300X.
- Lightweight, rugged construction easily fits in the hand.
- Includes powerful features such as video and time lapse photography.
- Hardware snap capture button.
- Includes professional, robust metal stand and software.



TLI iMicro WiFi for iPads, Android Tablets. Currently Unavailable

TLI iMicro Wifi is the most versatile digital microscope available. It uses Wi-Fi to connect directly (no need for external WiFi) to multiple devices including iPad, iPod touch, iPhone and Android devices. It features adjustable magnification to 200X and six LED light source with variable light intensity control. Captures images up to 1080P and saves them to micro SD card. Software for the TLI iMicro includes Tiny Capture.

Features

- Use with multiple WiFi devices, such as iPads, iPhones and Android.
- Adjustable magnification within the range 20x to 200X.
- Resolution: HR 1080 Full HD Image Capture with iPad, iPhone and Android.
- Six white light LEDs with adjustable illumination ensure clear, bright images.
- Easy to use software for Android, iOS and PC.



TLI iMicro Pro HR for iPads, Android Tablets Windows PCs. Currently Unavailable

TLI iMicro Pro is the most versatile digital microscope available. It uses Wi-Fi to connect to multiple devices including iPad, iPod touch, iPhone and Android devices and uses USB to connect to Windows computers. It features adjustable magnification to 200X and six LED light source with variable light intensity control.

Features

- Use with multiple WiFi devices, such as iPads, iPhones and Android.
- Adjustable magnification within the range 20x to 200X.
- Resolution: 1020p HD. 12 MP Image capture with iPad, iPhone and Android.
- Six white light LEDs with adjustable illumination ensure clear, bright images.
- Easy to use software for Android, iOS and PC.
- Rechargeable lithium battery.



Prices in this catalogue are subject to change. Discounts are available for purchases of more than 4 items.

TLI Digital MD300 Eye-Piece. \$290.00 (Ex GST)

TLI Digital eyepieces are high resolution digital eyepieces, which replace traditional eyepieces in most biological and stereo microscopes. Simply connect to your USB for high resolution images on your computer. Combine with our TLI Scope software to take measurements, annotate and count. Ideal for use with your digital displays and interactive whiteboards. (Microscope not included.)

Features

- Resolution: 3 MP.
- Frame rate: up to 30fps.
- Interface: USB.
- Capture single images, video and time-lapse video.
- Includes easy to use software.



TLI WiFi Digital Eye-Piece Camera mc500w RRP \$480.00 (Ex GST).

TLI Digital eyepieces are high resolution digital eyepieces, which replace traditional eyepieces in most biological and stereo microscopes. Simply connect to your USB for high resolution images on your computer, or use the TLI MC500W WiFi to connect to your iPad or Android device. Combine with our TLI Scope software to take measurements, annotate and count.

Features

- Resolution: 5 MP.
- Frame rate: up to 30fps.
- Interface: USB and WiFi with C-Mount attachment.
- Capture single images, video and time-lapse video.
- Includes easy to use yet powerful software.
- Works with most microscopes including monocular, binocular and stereo.

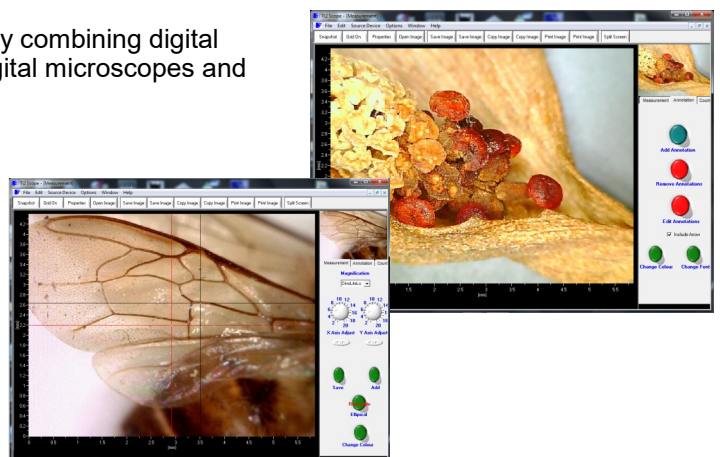


TLI Scope Software. \$70.00 (Ex GST) for Single User. \$140 (Ex GST) for Site Licence

Turn your microscope into a powerful data acquisition tool by combining digital photography with TLI Scope software. For use with most digital microscopes and digital eyepieces.

Features

- Live and snapshot scale measurement.
- Split screen for image comparison.
- Count mode for counting items in image.
- Annotation of images.
- Capture still images, video and timelapse video.
- Export data to Excel.



Dissection (Stereo) Microscopes

Model TLI-XTX3C Dual Magnification Price \$360.00 (Ex GST)

Dual Magnification Stereo microscope with a sharp stereo erect image over a wide field. *An economical, robust microscope suitable for junior and senior secondary schools.*

Features

Magnification 20x and 40X.

WF 10X, 30mm diameter eyepieces with coated lens.

One eyepiece tube with diopter adjustment and rubber eyeguards.

Fine focus by rack and pinion motion.

Light source: Transmitted & Incident light.



Inexpensive, Quality Microscopes for Education.

TLI - MB103 LED Monocular Microscope Price \$470.00 (Ex GST),

These are intermediate quality and economical microscopes, ideal for junior and senior secondary school with coated optical achromatic objectives, three/four magnifications, fully integrated, moveable stage, coaxial fine focus control and Abbe condenser with iris diaphragm.

Features

Monocular head with 30° inclination and rotatable through 360°.

Eyepiece: WF10X.

Achromatic Parfocal Objectives: 4X, 10X, 40X(S) and 100X(S) Oil Immersion.

Rack and Pinion focus system with safety stopper.

Condenser : Abbe N.A. 1.25 condenser with iris diaphragm and filter focusing.

Coaxial coarse and fine focus adjustment.

Large Moving mechanical stage: 140mm x 130mm, moving range: 75x55mm.

Illumination : Built in variable LED light.



Model TLI - MB103 LED Binocular Microscope Price \$620.00 (Ex GST)

An advanced binocular microscope with features of more expensive models. It can be used in schools, universities, laboratories etc for both teaching and research. It features clear uniform LED light, fully integrated, moveable stage, coaxial fine focus control and Abbe condenser with iris diaphragm.

Features

Binocular head with 30° inclination and 360° rotation with WF10X paired eyepieces.

Achromatic Parfocal Objectives 4X, 10X, 40X (S), 100X(S) (Oil Immersion).

Rack and Pinion focus system with safety stopper.

Coaxial Coarse and Fine focus adjustment with lock.

Condenser : Abbe N.A. 1.25 condenser with iris diaphragm and filter focusing.

Large Moving mechanical stage: 140mm x 130mm, moving range: 75x55mm.

Illumination : Built in variable, bright LED light.



Model TLI - MB103T Trinocular Microscope Price \$720.00 (Ex GST)

An advanced educational binocular microscope offering four magnifications, fully integrated, moveable stage, coaxial fine focus control and Abbe condenser with iris diaphragm.

Features

Binocular head with 30° inclination and 360° rotation with WF10X paired eyepieces.

Achromatic Parfocal Objectives 4X, 10X, 40X (S), 100X(S) (Oil Immersion).

Rack & Pinion focus system with safety stopper.

Coaxial Coarse and Fine focus adjustment with lock. Focusing range : 30mm.

Moving mechanical stage: 120mmx 125mm Moving range: 60x30mm.

Condenser : Abbe N.A. 1.25 condenser with iris diaphragm and filter focusing.

Built in Halogen, or Tungsten globe 6V/20W.



The Logical Interface is not just another importer of educational equipment. We design and make our own equipment locally. We understand teachers needs. The manager, Phil Jones, has taught physics, IT and science. He has been a lecturer in the DipEd program at SIE (Sydney University). He has a BSc(HONS), MSc(HONS), DipEd. Phil is the author of many of the software titles sold through TLI and regularly presents workshops to schools and universities around Australia and New Zealand.

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