MiScope®
Handheld Digital Microscope

Take a closer look, at everything!

From forensic analysis to product line quality control and biology class, taking a closer look at whatever you need to see has never been easier with the MiScope – the handheld digital microscope! Depending on the image size and resolution quality you need, the MiScope and MiScope Megapixel both feature a portable suite of tools and accessories that gives anyone the power to capture, manage, label, present and view images or videos large and detailed on a computer screen. And it all fits right in the palm of your hand!



ZARBECO
Portable Digital Microscopes



EASILY SLIDES TO
ADJUST ZOOM & FOCUS

CAPTURE BUTTON
& EASY ACCESS TO USB ON BACK

Putting a range of industry solutions under the microscope.

From identifying defects in the manufacturing process to forensic evidence examination, MiScopes have a range of applications in various industries, including:

- Anthropology/ Archaeology
- Art Conservation
- Collectibles
- Education
- Electronics
- Entomology
- Field Science/Geology
- Flooring Inspectors
- Forensic Science
- Jewelry
- Manufacturing
- Quality Inspection
- Sales Presentations

MiSCOPE & MiSCOPE MEGAPIXEL MODELS:

MiScope® #MISC

MiScope® SW #MISC-SW
Has an on/off light switch

MiScope® Megapixel #MISC-MP

Combines a digital movie camera, precision optics and white LEDs into a handheld microscope.

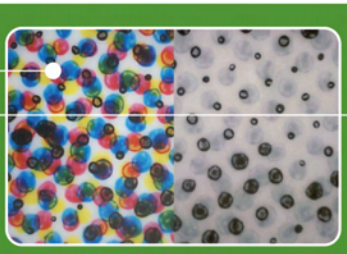

Lacewing, 40x

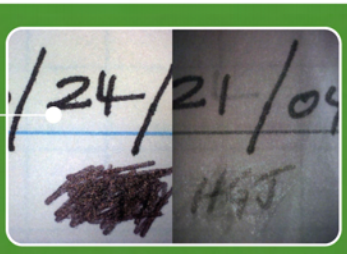

Fly mouth parts, 140x

MiScope® IR #MISC-IR

MiScope® Megapixel IR #MISC-MP-IR

Combines a digital movie camera, precision optics, and white and infrared (IR) LEDs into a handheld microscope.

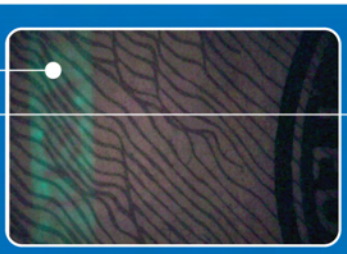

CMYK print, 140x, white light (left) and IR


Writing sample, 12x, white light (left) and IR

MiScope® UV #MISC-UV

MiScope® Megapixel UV #MISC-MP-UV

Combines a digital movie camera, precision optics, and white and ultraviolet (UV) LEDs into a handheld microscope.


Security strip on currency, 40x

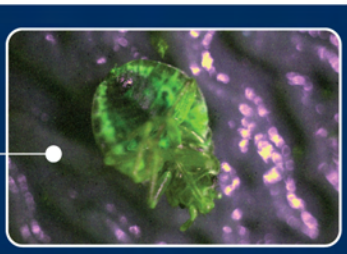

Credit card, 40x, UV

MiScope® UVIR #MISC-UVIR
Has ultraviolet (UV) and infrared (IR) LEDs

MiScope® Megapixel WUVIR #MISC-MP-WUVIR
Has white, ultraviolet (UV) and infrared (IR) LEDs

Combines a digital movie camera, precision optics, and ultraviolet (UV) and infrared (IR) LEDs into a handheld microscope.


Fluorescent mineral, 40x, UV


Bedbug, 40x, UV

Which MiScope is right for you?

MiScope®

#MISC

See the big picture through a small microscope.

The amazing little MiScope combines a digital movie camera, precision optics, LED lighting and 40-140x magnification for zooming in on fine details of insects, textiles or electronics. Just place the MiScope on top of an object and view it large and clear on your laptop or desktop computer screen, instead of looking into a small eyepiece. Capture images or movies, easily add labels, make measurements and draw on the live image.

FEATURES

- View live and capture images on the computer screen (or use a computer projector for large groups)
- 40-140x magnification
- Completely portable with a laptop computer
- Save still images, movies and time lapse
- Labels, markers, time stamps, measurement
- Draw directly on the live image
- Includes Video ToolBox Software

SPECIFICATIONS

- Image sensor: 1/4" CMOS
- Pixels: 640 x 480
- Frame rate: 15 frames/second (up to 30 frames/second at reduced resolution)
- Power: USB port
- Light source: super-bright white LEDs
- Field of view:
  @40x: 7.5 x 10 mm
  @140x: 1.8 x 2.5 mm
- Resolution: 4 microns

COMPUTER REQUIREMENTS

Minimum system requirements: Pentium III 500 MHz or faster, Windows 2000/ME/XP/VISTA, Internet Explorer 5.0 (or later), DirectX 8.1 or greater, USB 1.1 Port, 256 MB of Free Memory, Video card with 16 MB of video RAM, minimum 800 x 600 resolution at 16-bit color (contact Zarbeco for recommended system requirements). **MAC Software optional:** G3 400 MHz or faster, Mac OS X 10.3.5 or greater, USB 1.1 Port, 128 MB of RAM, minimum 800 x 600 screen resolution.

MiScope® Megapixel

#MISC-MP

When you need a closer look.

With a larger field of view (up to 25 mm), the MiScope Megapixel provides 12-140x magnification. The higher resolution optics and 1.3 megapixel camera produce improved image quality with resolution down to 2.3 microns. The built-in LED lights can be switched off for use on a light table, with external lights, or for advanced lighting techniques. The MiScope Megapixel also features all of the movie and image capture, label creation, measurement and drawing on live image functionalities of the MiScope model.

FEATURES

- View live and capture images on the computer screen (or use a computer projector for large groups)
- 12-140x magnification
- Completely portable with a laptop computer
- Save still images, movies and time lapse
- Labels, markers, time stamps, measurement, picture-in-picture
- Draw directly on the live image
- **Includes Video ToolBox PRO Software with enhanced measurement and overlay tools**
- Includes stacking shims for magnification adjustment

SPECIFICATIONS

- Image sensor: 1/3" CMOS
- Pixels: 1280 x 1024
- Frame rate: 15 frames/second (up to 30 frames/second at reduced resolution)
- Power: USB 2.0 port
- Light source: super-bright white LEDs
- Field of view:
  @12x: 20.6 x 25.8 mm
  @40x: 8.1 x 10.1 mm
  @140x: 2.3 x 2.9 mm
- Resolution: 2.3 microns

COMPUTER REQUIREMENTS

Minimum system requirements: Pentium IV 1.5 GHz or faster, Windows 2000/XP, Internet Explorer 5.0 (or later) installed, DirectX 8.1 or greater, USB 2.0 Port, 512 MB of Free Memory, Video card with 32 MB of video RAM, minimum 800 x 600 resolution at 16-bit color (contact Zarbeco for recommended system requirements).



ACCESSORIES

For our complete line of accessories and tools that can enhance product performance and experience, please visit our website or contact us for more information today.

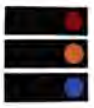
FOR BOTH MiSCOPE and MiSCOPE MEGAPIXEL

PRO Kit Includes a hard case with foam insert, light table, flashlight and Video ToolBox PRO software upgrade. Requires MISC-SW or higher. #M-PRO



FOR MiSCOPE

MiScope Adapter Lens with Stand
Portable stand with removable lens, increases field of view and lowers magnification to 6x. #MISCstand



MiScope Filters
Set of 4 filters, for isolating a single color. Includes 1 blank for mounting your own filter. #MISCfilters



FOR MiSCOPE MEGAPIXEL

MiScope Megapixel Stand
Portable stand increases depth of field and allows hands-free magnification at 12x. #MPstand



MiScope Megapixel Filters
Set of 4 filters, for isolating a single color and performing IR-fluorescence imaging. #MPfilters

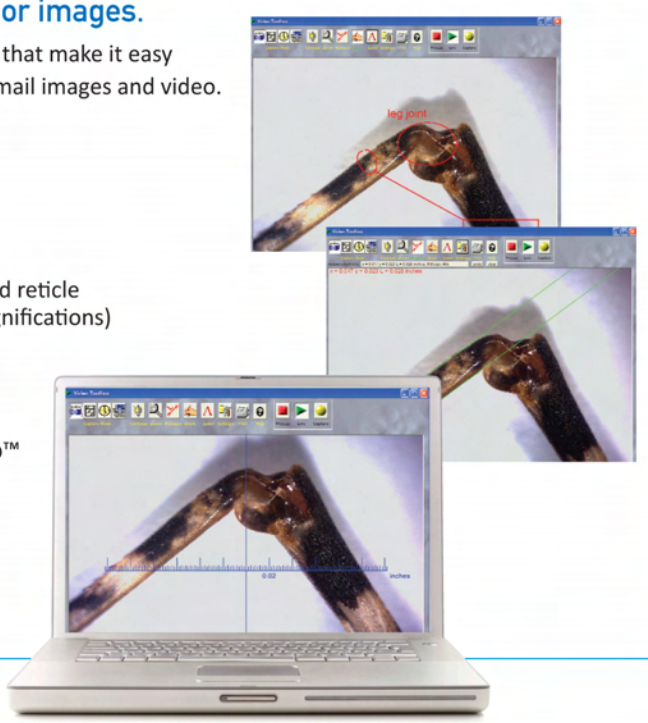
Video ToolBox™

Imagine an easier way to capture and manage videos or images.

Video ToolBox is our digital image display software with a range of tools that make it easy for anyone to display, capture, record, edit, label, measure, print and e-mail images and video.

POWERFUL SOFTWARE WITH BUILT-IN MEASUREMENT TOOLS!

- Display live video and edit and enhance on live image
- Capture images, time lapse sequences and movies
- Add labels, markers, time stamp, drag to move: all on the live image
- Measurement on the live image using multiple measurement tools and reticle and calibrate for different magnifications (store and recall up to 8 magnifications)
- Live zoom (without pixelation) up to 4x and fit to screen (including full screen for computer projector)
- Adjust camera and light settings
- Capture images directly into your favorite image editor like Photoshop™
- Video ToolBox plug-ins provide additional capabilities for live image enhancement and automated measurement including GPS (stamping location and time on image) and Foot Pedal software
- Video ToolBox PRO software also includes advanced measurement and overlay tools



MiScope models & specifications overview

Use the chart below to help determine which MiScope is suitable for your specific needs.
Viewing our Image Gallery at www.zarbeco.com may also help you make your decision, or contact us.

	On/Off switch	640 x 480	1.3 megapixels	White LEDs	IR LEDs	UV LEDs	Video ToolBox software	Video ToolBox PRO software	PRO Kit available	Mac software option
MISC		•		•			•			•
MISC-SW	•	•		•			•		•	•
MISC-Video (NTSC format)		NTSC format video only		•						
MISC-UV	•	•		•		•	•		•	•
MISC-IR	•	•		•	•		•		•	•
MISC-UVIR	•	•			•	•	•		•	•
MISC-MP	•		•	•				•	•	
MISC-MP-IR	•		•	•	•			•	•	
MISC-MP-UV	•		•	•		•		•	•	
MISC-MP-UVIR	•		•		•	•		•	•	
MISC-MP-WUVIR	•		•	•	•	•		•	•	

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