

MiniScope

The digital microscope that fits in the palm of your hand

The MiniScope combines a digital movie camera, precision optics and LED lighting in a microscope that fits in the palm of your hand. 40 - 140X magnification lets you zoom in on the fine details of insects, textiles, electronics or anything else too small to see. Place the MiniScope over the object, and comfortably view the image on your computer screen, instead of straining to look into a tiny eyepiece. Capture images or movies, easily add labels, make measurements and even draw right on the live video image.

The MiniScope connects to your computer's USB port where it's always ready to use. Grab a laptop and take the MiniScope anywhere. Use it to show your products to a customer, inspect a valuable collectable right in the store, or take it into the backyard and get a closer look at the insects who share our world.

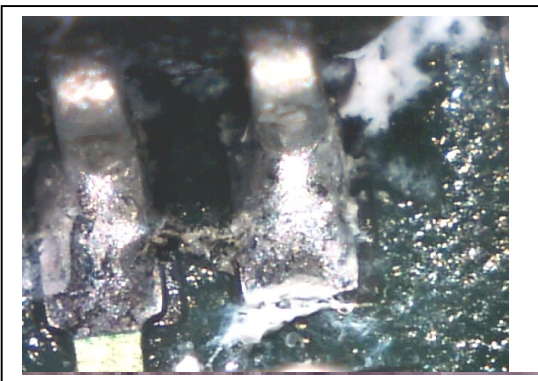


Features

- View live 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

Applications

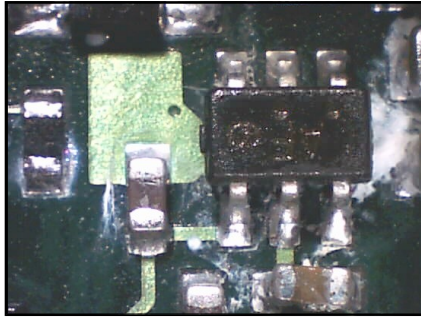
- Education (Biology, Life Sciences, Geology)
- Backyard Science (Bugs, Plants, Fossils)
- Collectors (Stamps, Coins, Cards, Artwork)
- Forensics (Crime Scene, Documents)
- Manufacturing (Electronics, Surface Finish, Textiles)
- Graphic Arts and Printing



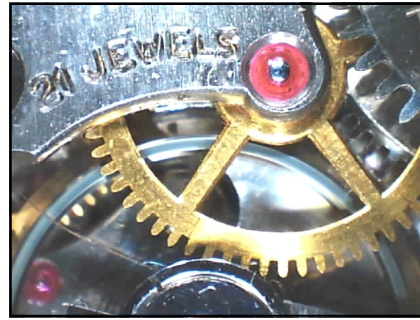
SMT Tools, LLC
P.O. Box 90
Lake Hopatcong, NJ 07849
Tel: 973-945-9847
Fax: 973-663-1745
www.smttools.com

Miniscope — A new way to see the world

Sample Images



Circuit board



Watch mechanism



Fabric sample



Official document

Software Features

- Display live video
- Capture still images, movies and time lapse sequences.
- Interactively adjust camera brightness, contrast and color.
- Live digital zoom up to 4x.
- Resizable image window — up to full screen
- Measure on the live image using multiple measurement tools.
- Calibrate for different magnifications — store and recall up to 8 different calibrations.
- Add labels and markers over the live image. Drag to move
- Draw freehand on the live image
- Place a time stamp anywhere on the image.
- Capture images directly into your favorite photo editor for further enhancement.

MiniScope Specifications

- I Image Sensor: 1/4" CMOS
- I Pixels: 640 x 480
- I Power: USB port
- I Light Source: super-bright LEDs
- I Field of View
 - @40X: 6 x 8 mm
 - @140X: 1.5 x 2.0 mm
- I Resolution: 4 microns

Computer Requirements

Pentium III 500MHz or greater,
Windows 2000/XP, DirectX 8.1 or greater, Internet
Explorer 5.0 or greater, USB port.

Optional Accessories

- MiniScope Professional Bundle with hard case, Portable light table and 1 watt LED flashlight for Advanced lighting options.
- UV lighting option.
- Stand