

KineMic™

Video Microscope Systems

KineMic

A modular video-based inspection system that is ideal for quality assurance, receiving inspection, training, manufacturing, assembly, research and documentation.

The base system includes a microscope stand with coarse-fine focus control and a zoom lens with 6.5:1 magnification range, LED surface illumination, hi-resolution color video camera and 17" LCD monitor.

Options include a choice of X-Y measuring stage with digital LCD display micrometers, imaging capability, boom stand and area of interest (AOI) laser pointer.

Features

- Lighting: LED ring light
- Coarse-fine focus control
- One-year warranty (Extended warranty available)
- Custom configurations available. Let us build a system that suits your requirements!

Specifications

- Video magnification with standard magnification range: 34X to 215X
- Field of View: .360" to .056" (9mm to 1.42mm)
- Monitor Resolution: 1280 x 1024
- Color Camera: 1/3" with 768H x 494V resolution



KineMic with base and TM50 stage



KineMic with boom stand

KineScope

A digital video camera, with precision optics and LED lighting in a microscope that fits in the palm of your hand. The KineScope has 40-140X magnification, which lets you zoom in on the fine details of electronics, product parts, or anything else too small to see.

Place the KineScope over the object and view the image on your computer screen instead of looking into a small eyepiece. Capture images or video and easily add labels, make measurements, and draw on the live image. The KineScope connects to your computer's USB port and includes VLink imaging software.

Features

- View live and captured images on a computer screen (or use a computer projector for large groups)
- 40-140X magnification
- Completely portable with your laptop computer
- Save still images, movies and time lapse
- Apply labels, markers, time stamps and measurement
- Draw directly on the live image
- Includes VLink imaging software

Specifications

- Image Sensor: 1/4" CMOS
- Pixel Resolution: 640 x 480
- Power Req. USB Port, 2.0 or greater
- Minimum Operating System Requirements: Windows 2000, XP or Vista with DirectX 8.1 and Pentium III 500MHz
- Illumination: Super-Bright LED
- Field of View:
 - At 40X = 7.5 x 10mm
 - At 140X = 1.8 x 2.5mm
- Resolution: 4 microns

