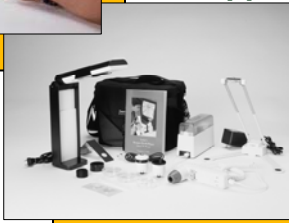




Scalar VL7 Microscope/Videocamera



The VL7 (Scope On A Rope) device is a superior-quality handheld video imaging camera that displays magnified images on any TV, video monitor or video projector.



Applications: Education, Dentistry, Beauty, Hair Care and Cosmetology, Mineralogy, Gemology, and Jewelry, Textiles, Coin and Stamp Collecting, Forensics, Quality Control for almost any manufactured item including circuit boards.

Simple...Powerful...Reliable...Cost Effective

Features

- Composite video output signal for conventional video devices such as TV monitors, videocassette recorders and video projectors, or can connect to a computer through an optional video capture device.
- Easy to use “Touch and View” operation instantly focuses on objects by touching them with the microscope lens tip. Other lenses are available for magnification from a fixed working distance.
- Easy to change optical magnification bayonet-mounted lenses from 1x to 750x with their own internal LED lighting.
- On-board freeze-frame memory for still image display with split screen capability for comparing any two still images side by side.
- View both surface and sub-surface details in high resolution on a full-color video monitor display, with 30x and 50x polarizing lenses.

Specifications

Magnification (14" screen): High-Resolution 1-10x, 30x polarizing, 50x polarizing, 100x, 200x, 500x, 750x, microscope adaptor

Polarization: available on 30x, 50x lenses

Image capture sensor: 1/3" CCD

Total image element: 410,000 pixels

Output signal format: 2:1 interlace NTSC composite signal

Horizontal Resolution: Greater than 400 lines at the center of screen.

Signal to Noise ratio: Greater than 40dB

White Balance: Factory Preset

Color Adjustments: Factory Preset

Operating Temperature Range: 0 to 40 degrees Celsius

Power consumption: less than 25W

Weight: Handset: 6.3oz or 200g

AC Adaptor: Input 110V AC, 50/60Hz