

Visual Inspection of Circuit Boards for Breaks on Tracks

Visual inspection of Circuit Boards for breaks on the tracks has never been easier or more affordable than with the new HandiScope™ hand-held portable microscope. The lightweight (0.5 lb) HandiScope™ enables the close-up inspection of surface areas either in the Quality Control laboratory or at the point of manufacture, assembly or test and repair. The standard 20x/50x selectable magnification lens enables close inspection, however, if greater magnification is desired, 100x and 200x lenses are available.

The video output allows for real-time viewing on any video input device such as a TV or LCD projector. The image can be “freeze framed” on the monitor for closer inspection. It is also ideal for use as a visual aid during training classes giving real-time images of the subject matter being discussed. The optional iCapture software allows the user to perform measurements of the image, insert annotations and enhance and rotate the images for better viewing.

For documentation purposes the images can be downloaded and stored as standard BMP, JPG, TIF, PNG or GIF files.

Applications:

- Manufacturing
- Test and Repair
- Quality Control
- R&D
- Training
- Documentation



Specifications:

Image Capture Element: 1/4" CCD with Complimentary Color Filter
Total Image Element: 811(H) x 507(W)
Refresh Rate: 30 Frames/second
Magnification: 20x/50x Selectable
Viewing Area (mm): 14x10.5/6x4.5
Lighting: Internally Contained, 8 White LEDs
Focus Distance: 0mm (contact) or 26mm (non-contact)
Output: Standard NTSC, VBS IV[p-p]/75 ohm
Interface: Standard RCA
Power Supply: 5V, 3A output
90-250 V, 50-60Hz AC Input
Dimensions: Approx. 9 inches long x 2 inches diameter
Weight: Approx. 0.5 pounds

431 Ohio Pike, Suite 192 South • Cincinnati, OH 45255
1.888.237.9883 • 513.688.1351 • fax 513.688.1361. • Email reasley@fuse.net
www.conferencepro.com