

Visual Inspection of Jewelry

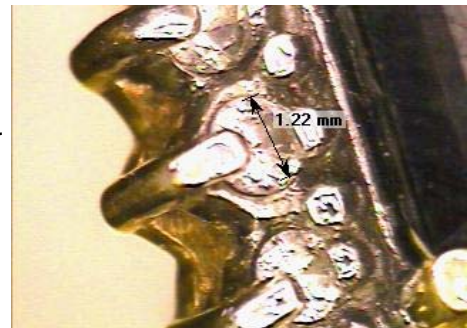
Surface inspection of jewelry has never been easier or more affordable than with the new HandiScope™ hand-held portable microscope. The unique design of the HandiScope™ allows the jeweler to examine the item from different angles without having to rearrange complicated stands. The 20x/50x selectable magnification lens with the built-in high intensity light source enables detailed examinations of the smallest stones to be achieved. For items requiring more detailed magnifications 100x and 200x lenses are also available as options.

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 or for discussions with quality control or associates. 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 image for better viewing. For documentation purposes the images can be downloaded and stored as standard BMP, JPG, TIF, PNG or GIF files.

Applications:

- Stone Cutting
- Appraisal
- Repair
- Design
- Setting stones
- Engraving
- Documentation
- Insurance



Diamond Bracelet 50x

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

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