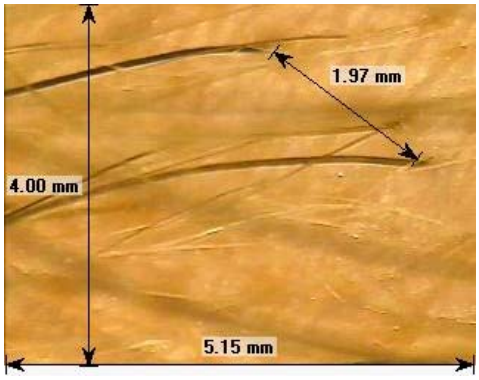
Innovative Data Communications
HandiScope™ Application Data Sheet

July 2002

Visual Inspection of Hair Density

Consultation with patients regarding hair loss and the demonstration of successful treatment can be visually demonstrated to patients by using the affordable new HandiScope™ hand-held portable microscope. The unique design of the HandiScope™ allows the doctor to examine the scalp from different angles without having to rearrange complicated stands. The 20x50 selectable magnification lens with the built-in high intensity light source enables detailed examinations of the smallest areas to be achieved. For items requiring more detailed magnifications, 100x and 200x lenses are also available as options.



Hair Density

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 the patient 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.

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

Applications:

- Diagnosis
- Consultation
- Progress Evaluation
- Advertising
- Documentation
- Insurance
- Training

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