

Classroom Aid for Teaching Chemistry from Grade School Through Doctorate

Teaching chemistry by enabling the students to have a hands-on approach increases the effectiveness of the lesson. This has never been easier or more affordable than with the new HandiScope™ hand-held portable microscope. The HandiScope™ is very easy to use for all age groups and its unique design allows the teacher or student to examine the specimen from different angles without having to rearrange complicated stands. The 20x/50x selectable magnification lens enables as much detail as desired to be included.

The video output allows for real time viewing on a TV or LCD projector for instruction to a class. The image can be "freeze framed" on the monitor to make a point or for class discussion. Images can be downloaded, measured and stored using the optional PC interface kit allowing the students to both write and present their class projects.

For field trips an optional battery pack and LCD monitor are available in a compact carry case. This enables the teacher and students to examine samples in their natural environments.



Crystals

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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