

Classroom Aid for Teaching Botany from Grade School Through Doctorate

There is no aid more effective in teaching botany than allowing students to see the sample up-close. This has never been easier or more affordable than with the new HandiScope™ handheld 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.



Leaf

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.



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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