



The ERUDIT microscope is a perfect transmission school microscope, with extensive equipment as standard and a case for storage and transport. It allows you to obtain magnifications in the range from 20 to 1536 times. The high optical and mechanical quality of this microscope makes it an irreplaceable teaching aid in every school. Adjustment of lighting intensity, integrated lens condenser with iris diaphragm and a set of color filters on a rotating disc under the table enable the selection of optimal microscopic conditions for each preparation. The Barlow lens 1.6x increases the range of magnifications, both maximum and intermediate. The cross table included in the set makes it easier to set the preparation and search for interesting fragments. The electronic system of the microscope enables energy storage and long hours of work without power. The included PC eyepiece with a resolution of 640x480 pixels allows you to observe the image on the computer monitor with simultaneous recording of the image on the disk. The microscope's electrical system makes it possible to use without power after short-time charging the system. Technical data: â€¢ Zoom: 20x - 1536x â€¢ WF (wide-angle) glasses: 5x / 10x / 16x â€¢ Diameter of glasses: 19.5 mm â€¢ Achromatic lenses: 4x / 10x / 40x â€¢ Magnification of the tube: 1x / 1.6x â€¢ Lighting: LED (LED) Equipment (included): â€¢ PC eyepiece (640x480 pixels) with software on a CD â€¢ Ulead PhotoExplorer 7 image editing software, â€¢ USB cable â€¢ Barlow lens 1.6x â€¢ cross table â€¢ Illuminator of the lower lighting â€¢ smooth regulation of lighting intensity â€¢ integrated condenser lens â€¢ a rotating disc of colored filters â€¢ box with a set of preparations and clear and basic slides â€¢ AC adapter PC okular - electronic camera The electronic eyepiece gives the user extraordinary possibilities. The observed preparation is currently visible on the screen. The eyepiece allows you to take photos and videos of the observed objects. Such photos can then be freely edited, shared with other people and sent over the Internet. Specifications of the eyepiece PC â€¢ resolution: 640x480 pixels â€¢ software that allows you to save an image to a computer disk â€¢ drivers: Win 98 SE, Win 2000, Win ME, Win XP â€¢ adapter up to 30.5 mm (the camera works normally with 23 mm glasses), â€¢ USB cable â€¢ power supply parameters: 5.5V / 300mA, "+" in the middle Warranty 2 years EXPERT OPINION The Bresser Erudit 40x - 1536x microscope is the optimal one-eyed microscope for a biology teacher at the level of primary school, middle school and high school. Rich equipment, great optics and a high resolution camera will allow you to enrich your biology lesson with demonstrations (laptop, multimedia projector or TV connected to the computer), which will definitely increase the attractiveness of the classes. At the same time, I recommend the Erudit microscope as an educational tool for talented youth thinking about medical, biological or veterinary studies. Joanna Kamińska, a biology teacher