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Delta Optical BioLight 100 is the simplest biological microscope of the educational class, intended for the novice user. The microscope is equipped with glass optics. It has three, achromatic lenses, giving the magnification in the range of 40-400x, and with the optional 16x eyepiece, it can be increased up to 640x. This is sufficient to observe most of the interesting objects - eg cells and tissues of plants and animals, protozoa and planktonic crustaceans in a drop of water. BioLight 100 is easy to use. Pre-school children can already work on it. Thanks to the fact that it is light and handy, you can take it almost anywhere. Thanks to the built-in battery power supply, it does not need an external power source. At home, it can also be standardly wired to the mains using the included adapter. The microscope has two sources of light. The lower (passing) light allows you to view typical biological preparations on microscope slides. In turn, the upper (reflected) light allows you to see larger amounts of opaque specimens (eg minerals, plant organs, printing, small invertebrates). The lighting has adjustable intensity depending on the selected magnification. The microscope has an aperture wheel under the table, which allows for better contrast and sharpness in the viewed preparation. A basic preparation set was attached to the microscope. It will allow you to start work after removing the microscope from the box. The set includes: 5 ready-made preparations, 5 basic slides 10 coverslips plastic box for preparations plastic round container with lid tweezers pipette preparation stick preparation needle special paper for cleaning the optics adhesive labels for labeling preparations Warranty 2 years