



Delta Optical BioLight 500 is an educational microscope that allows you to get a 1000x magnification in the basic set without using immersion oil. It is designed for young students to discover the secrets of the microworld. The microscope has three achromatic lenses, known from the BioLight model, of a much higher class than in the BioLight 100, 200 and 300 series microscopes. They allow you to achieve magnifications in the range of 40-400x, and with the attached WF 25x eyepiece you can achieve a maximum of 1000x. The microscope has an ergonomic, convenient to carry tripod. The monocular head can be rotated 360 °, in a set with two glasses: 10x and 25x. Three achromatic lenses - 4x, 10x and 40x are mounted in a rotating revolver bowl. It has a built-in battery supply module - 3 AA fingers. Micro and macro focusing mechanism with coaxial knobs, which ensures convenient operation. A cross table with a sliding mechanism in the x and y axes, as well as a scale and specimen holder - increase the precision of observation under the microscope. An additional method of fixing the preparation in the form of two clamps - allows the table to be moved in the Z axis to a greater extent. LED lower and upper lighting allow observation of classic preparations and small, opaque objects. The aperture wheel, located under the table, allows to imitate the work of the condenser, increasing the contrast and sharpness of the observed preparation. Delta Optical BioLight 500, in combination with the optional microscope camera, is an excellent tool for taking photos and recording videos showing the richness of forms and colors of the microworld. We encourage you to view photos taken with this microscope. Technical parameters

Supplier's symbol: DO-3320

Application: education

Correction: 160 mm

Lighting source: LED

Field of view: 16 mm

Cross table: 90 x 90 mm

Lenses: 4x, 10x, 40x

Glasses: WF 10x / 16, WF 25x

Focus adjustment: micro / macro

Lighting: top-reflected, bottom-passing

Microscope table: 90x90 mm

Head: mono (single)

Objective revolver: three-lens

Top lighting: LED reflected

Bottom lighting: transmitted LED

Preparation mechanism: yes

Focus adjustment knobs: double-sided coaxial

Observation technique: bright field, reflected light

Optics class: achromatic

Battery type: 3 x AA

Magnification of the microscope: 40x, 100x, 250x, 400x, 1000x

Magnification of the eyepiece: 10x, 25x

Microscope power supply: AC, 3xAA

EQUIPMENT: AC adapter, microscope with optics and cross table

Warranty 24 months