



## Biological Microscope TBM-1312-220V



\$680.00

Educational  
Biological  
Microscope  
TBM-1000  
Series

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Microscope  
TBM-1300  
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Microscopes

Educational Biological Microscope TBM-1312 is economical microscope with all basic features for educational use in elementary and middle schools. The 1W LED illumination with consistent color temperature, achromatic objective to ensure high image flatness across the field, single lens and ABBE Condenser with iris diaphragm and triple, quadruple revolving nosepiece. It allow handlers to remain relaxed during long periods of routine microscopy observations. The microscope frame adapts the handler's hands and the location of the control knobs maximizes ergonomics to recover work efficiency. Fast and rapid set a specimen with one hand while adjusting the focus and operating the stage with the other hand with slight movement. The monocular and sliding binocular viewing head has excellent achromatic 4X, 10X, 40X(S) objectives and each eye tube has interpupillary adjustment. Features with triple and quadruple revolving nosepiece holds multiple lenses, and found between the eyepiece and the stage allowing the user to turn it to achieve various levels of magnification. Though the exact level of magnification may vary with different models, most microscopes provide a low power lens with about 5X magnification and a high power lens with about 100X magnification. Featured with Single Lens and chromatic condenser Abbe NA 1.2 with Iris Diaphragm and Pinion adjustment for condenser that are concentrates and controls the light that passes through the specimen prior to entering the objective with modern cameras use a type of adjustable diaphragm known as an iris diaphragm which can reduce the amount light that hits a detector by decreasing the aperture and Filter.

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