



### Product Overview

This Binocular Student Microscope sets a new standard in optical and mechanical performance for student-level microscopy. Engineered with durability and ease of use in mind, it is ideal for educational, medical, and a wide range of biological applications.

The microscope is designed to withstand the daily demands of classroom and laboratory use, making it an excellent choice for both educators and students.

### Key Features

- **Binocular Viewing Head:** Offers enhanced comfort during extended use and ensures accurate stereoscopic vision.
- **Semi-Plan Achromatic Objectives:** Deliver a fully corrected intermediate image, providing crisp, clear visuals and improved digital imaging performance.
- **Student-Proof Design:** Built for rugged use in educational environments, minimizing the risk of damage and ensuring long-term reliability.
- **Versatile Illumination Options:** Compatible with both 6V/20W Halogen and 3W LED light sources to suit various contrast techniques including Phase Contrast, Polarization, and Darkfield.
- **Professional Results:** Offers repeatable, high-quality imaging suitable for demanding instructional and diagnostic needs.

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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**Technical Specifications**

ITEM	SPECIFICATIONS
<b>Eyepiece</b>	Wide Field eyepiece WF 10x/18mm paired.
<b>Objective</b>	S-Plan 4x, 10x, 40x (SL) oil. Anti fungus and coated.
<b>Eyepiece Tube</b>	Binocular/Monocular head 360° rotatable at 45° inclined head with anti-fungus coated prisms.
<b>Focus System</b>	Separate knobs for coarse and fine motion having least count of 0.002 mm & limit stopper, Focusing stop to prevent objective and slides from damage.
<b>Condenser</b>	Moveable Sub-stage ABBE condenser NA 1.25 with aspheric lens. Iris diaphragm and special daylight blue filter in swing out filter holder.
<b>Mechanical Stage</b>	CO-AXIAL mechanical stage cross travel 76 × 50 mm with co-axial control, spring clip Double Slide Holder.
<b>Nosepiece</b>	Quintuple Nosepiece with parcentric click stops.
<b>Illumination System</b>	Halogen Lamp, 6V, 20W (90C to 240V for international market).

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