

# High Magnification Biological Microscope

This biological microscope is designed for students and educational purposes, from high school to college-level science studies. It features a sturdy metal framework and an LED illumination system, achieving a total magnification of up to 1600X.



## Overview

### High Magnification Biological Microscope

This high-magnification biological microscope is designed for precision observation in educational, laboratory, and research environments. It features a versatile binocular head with 360-degree rotation and adjustable interpupillary distance for ergonomic comfort. Equipped with a high-quality achromatic objective system and adjustable LED illumination, it provides clear, detailed imaging for a wide range of biological specimens.

## Optical System

### Objectives

- 4X/0.1
- 10X/0.25
- 40X(S)/0.65
- 100X/1.25(S, Oil)

Head Type	Binocular, 30° inclined, 360° rotatable
Interpupillary Distance	52-75mm
Eyepiece	WF10X/18mm High-eye point, wide field

## Stage and Focus

Stage Size	125 x 125 mm
Mechanical Stage Range	30 x 70 mm
Fine Focus Scale	0.002 mm

## Illumination and Power

Light Source	3W LED with adjustable intensity
Power Compatibility	100V-240V Universal

## Physical Specifications

### Key Metrics

**4.7 kg**

Net Weight

**5.7 kg**

Gross Weight

Microscope Dimensions	225 x 180 x 360 mm
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